COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

LOUISVILLE GAS AND ELECTRIC COMPANY	)	
	)	CASE NO. 2004-00096
	)	
ALLEGED FAILURE TO COMPLY WITH COMMISSION REGULATION 807 KAR 5:041, SECTION 3(1)	)	

O R D E R

Louisville Gas and Electric Company ("LG&E") is a Kentucky corporation engaged in the generation, transmission, and distribution of electricity to the public for compensation for lights, heat, power, and other uses, and is a utility subject to Commission jurisdiction. KRS 278.010.

KRS 278.280(2) directs the Commission to prescribe rules and regulations for the performance of services by utilities. Pursuant to this statutory directive, the Commission promulgated 807 KAR 5:041, Section 3(1), which requires the maintenance of utility facilities to be in accordance with the National Electrical Safety Code, 1990 Edition ("NESC"). NESC, Section 11, Rule 112C, requires that all floor openings without gratings or other adequate cover and raised platforms and walkways in excess of 300 mm (1 foot) in height shall be provided with railings.

Commission Staff submitted to the Commission an Electric Utility Personal Injury Incident Report ("Report") dated December 16, 2003, attached hereto as Appendix A, which alleges that:

1. On October 31, 2003, Chris Morley suffered fatal injuries when he fell down a riser pipe while cleaning the header tunnel inside LG&E's Mill Creek Power Plant Unit 4 cooling tower ("Unit 4").

2. LG&E contracted with A&T Industrial Services of Crestwood, Kentucky ("A&T") to clean the distribution header pipes in the header tunnel of Unit 4.

3. At the time of the incident, Mr. Morley was an employee of A&T, was charged with cleaning the headers in Unit 4, and was acting within the scope of his employment.

4. In the center of the tunnel in Unit 4, there is a large flume or riser pipe. This riser pipe has a 96-inch diameter opening and a 45 to 50-foot drop.

5. At the time of the incident, the riser pipe was not grated and was not covered by railings as required by NESC Section 11, Rule 112C.

6. At the time of the incident, Mr. Morley was checking the header pipes near the riser pipe opening when he slipped and fell down the riser pipe.

7. LG&E violated NESC Section 11, Rule 112C when it failed to maintain the required railings around the riser pipe opening in Unit 4.

Based on its review of the Report and being otherwise sufficiently advised, the Commission finds that *prima facie* evidence exists that LG&E failed to comply with 807 KAR 5:041, Section 3.

IT IS THEREFORE ORDERED that:

1. LG&E shall submit to the Commission, within 20 days of the date of this Order, a written response to the allegations contained in the Report.

2. LG&E shall appear on July 22, 2004 at 9:00 a.m., Eastern Daylight Time, in Hearing Room 1, of the Commission's offices at 211 Sower Boulevard, Frankfort, Kentucky to present evidence concerning the alleged violations of 807 KAR 5:041, Section 3(1), and to show cause, if any it can, why it should not be subject to the penalties of KRS 278.990 for the alleged violation of the aforementioned Commission regulation.

3. The Report dated December 16, 2003 is hereby made a part of the record of this case.

4. Any request by LG&E for an informal conference with the Commission Staff shall be set forth in writing and filed with the Commission within 20 days of the date of this Order.

Done at Frankfort, Kentucky, this 2nd day of June, 2004.

By the Commission

ATTEST:

Executive Director

APPENDIX A

APPENDIX TO AN ORDER OF THE KENTUCKY PUBLIC SERVICE COMMISSION IN CASE NO. 2004-00096 DATED June 2, 2004.

INCIDENT INVESTIGATION ~ Staff Report

Report Date ~ December 15, 2003

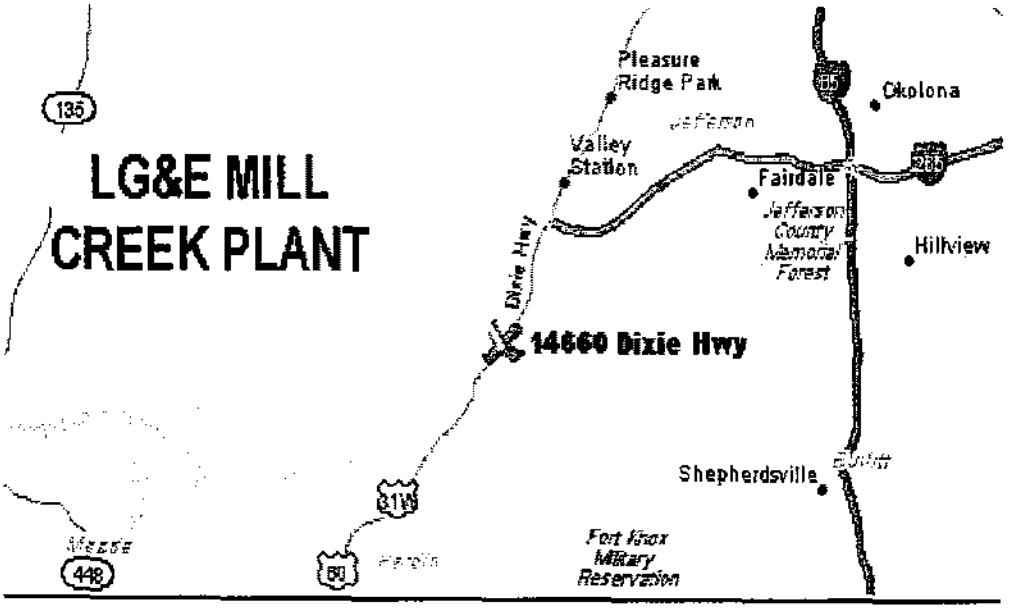
Incident Date ~ October 31, 2003

Serving Utility ~ Louisville Gas & Electric

Incident Location ~ Louisville, Kentucky

Victim ~ Mr. Chris Morley

PSC Lead Investigator ~ Mr. David G. White



Kentucky Public Service Commission

Electric Utility Personal Injury Incident Report

Utility:	Louisville Gas & Electric (LG&E)	
Reported By:	Archie Williams – LG&E Generation & Transmission	
Incident Occurred	October 31, 2003	Approximately 5:00 P.M.
Utility Notified:	October 31, 2003	5:15 P.M.
PSC Notified:	October 31, 2003	7:08 P.M.
PSC Investigated:	November 3, 2003	
Report Received:	November 7, 2003	
Incident Location:	14660 Dixie Highway – LG&E Mill Creek Power Plant – Louisville, KY (Southwestern Jefferson Co.)	
Incident Description:	A&T Industrial Services, of Crestwood, KY, had been hired as a contractor for LG&E to perform various cleaning jobs during a scheduled outage at LG&E's Mill Creek Power Plant (Unit 4). One of the jobs being performed included a 3-man A&T crew: Mr. Chris Morley, Mr. Jimmy Koetter, and Mr. James Smith (Mr. Jackie Townsend was the A&T on-site Project Manager at the time). The crew was cleaning the "header tunnel" inside Unit 4's cooling tower. The tunnel consists of a 7' x 7' "hallway" approximately 215' long. Within the tunnel are 95-100 "distribution headers." The crew was charged with cleaning these headers (approximately 12" diameter pipes used to distribute water throughout the cooling tower). {See attachment B and attachment F for visual details of work site.} Mr. Morley and Mr. Koetter were working inside the tunnel and Mr. Smith was stationed at the pump truck outside the cooling tower. As Koetter cleaned the header pipes on one end of the tunnel, Morley went toward the center of the tunnel, checking the pipes to be cleaned as he went. At the center of the tunnel is a large flume (a.k.a. "riser pipe" – with a 96" diameter opening) used to send water into the cooling tower. As Morley checked the header pipes near the riser, he apparently slipped and fell into the large pipe. The riser flume drops approximately 45'-50' to the bottom of the riser shaft. The riser flume opening has an I-beam crossing its diameter. The I-beam is used to diffuse incoming water and protect the tunnel's ceiling. Additionally, the opening has 4 steel vertical support beams surrounding it (see photos in attachment F). It is unclear if Mr. Morley had been standing on the I-beam or fell from the edge of the opening. Mr. Koetter stated in interviews with LG&E investigation staff that he noticed Morley missing after cleaning one of the headers. He searched for Morley inside and outside the tunnel. He then notified Mr. Smith, who called the in-house Emergency Response Team (ERT) at the plant and a "missing man" alarm was sounded. Smith also notified Mr. Townsend that Morley was missing.	

	The ERT group identified a bandanna that Mr. Morley had been wearing in the riser shaft. Two of the ERT members rappelled into the riser shaft and found Morley's body. The Jefferson County EMS confined space rescue team later descended into the shaft and pronounced Mr. Morley's death at 7:37 pm.

Victim:	**Name**		**Address**	**Employer**
	Chris Morley		3736 Kahlert Ave. Louisville, KY 40215	A&T Industrial Services, Inc. 7311 Hwy 329 Crestwood, KY
	Fatality	**Age**		
	Yes	26		
	Injury	Fatality – victim fell into 45' – 50' vertical pipe		
Witness:	**Name**		**Address**	**Employer**
	Jimmy Koetter (Co-worker inside Distribution pipe)		4429 St. Mary's Rd. Floyd Knobs, IN	A&T Industrial Services
Information From:	**Name**		**Position**	**Employer**
	Keith McBride		Investigator	LG & E Employee; Louisville, Kentucky
	Mike Kirkland		Plant Manager	LG & E-Mill Creek; Louisville, Kentucky
	Joe Clements		Operations Manager	LG & E-Mill Creek; Louisville, Kentucky
	Ray Cecil		Outage Coordinator	LG & E-Mill Creek; Louisville, Kentucky
	Norbert Oppel		Maintenance Supv.	LG & E-Mill Creek; Louisville, Kentucky
	Doug Chin		Plant Safety Coordinator	LG & E-Mill Creek; Louisville, Kentucky
	David G. White		Investigator	PSC Engineering Staff; On-site Investigation

Notes:	Some information based on LG&E's investigation and interviews with A&T employees and other Mill Creek staff. A&T personnel were not available during KPSC investigation.
Probable Violations	**807 KAR 5:041 Section 3 – Acceptable Standards** 1. Floor opening not covered or protected by railings as described in NESC rule 112-C **Note:** See attachment G for text of cited violations.
Recommendations	Future work processes should include the covering of floor openings prior to work beginning in area where such hazards exist as detailed in OSHA regulation standards 1910.23 (a-5 & 6).

Line/Equipment Measurements/Clearances

Line Clearances At Point of Incident:	Measured	Minimum Allowed by NESC	Applicable NESC Edition[1] 2002	Voltage	Construct Date
Primary (Road Phase) to Ground Elevation:	N/A	N/A	2002 EDITION	N/A	N/A
Primary Neutral to Ground Elevation:	N/A	N/A	2002 EDITION	N/A	N/A
Date of Measurement:	N/A				
Temp & Weather:	N/A				
Measurements Made By:	Name		Company		

[1] If clearances were not in compliance with the current edition, then the edition in effect when the facilities were last constructed or modified would apply.

Investigated By:	**Name**	**Company**	
	David G. White	PSC Engineering Staff	
Signed:	David G White	**Date**	12/16/03
Reviewed By:	**Name**	**Company**	
	Gary E Grubbs, PE	Mgr. PSC Engineering Staff	
Signed:	Gary E Grubbs	**Date**	12/16/03

Attachments:

A. LG&E Incident Report
B. Diagrams of Cooling Tower – Unit 4
C. KPSC Data Request Letter of November 12, 2003
D. LG&E Data Request Response Letters (November 20 & 24, 2003)
   1. "Passport" Certification/Verification Documents
   2. A&T Safety Records and OSHA Information
   3. Morley's Employee Records
   4. A&T's Previous Experience w/ LG&E (J. Townsend included)
   5. Job Safety Assessments by LG&E on A&T During Outage
   6. On-Site Contractor Briefings Conducted by LG&E
   7. LG&E ERT Response Report
   8. A&T Safety Manual (Partial Listing)
   9. A&T Training Manual (Partial Listing)
E. Listing of Data Kept on File with KPSC (not included in report)
F. LG&E Site Photos
G. Text of Cited Violation

Kentucky Public Service Commission

Electric Utility Personal Injury Incident Report

Attachment A

LG&E Incident Report

LG&E ENERGY

Jim Dimas
Corporate Attorney
Corporate Law Department

LG&E Energy Corp.
220 West Main Street
P.O. Box 32030
Louisville, Kentucky 40232
(502) 627-3450
(502) 627-3367 FAX

November 7, 2003

Mr. Gary Grubbs, Manager
Kentucky Public Service Commission
211 Sower Blvd.
P.O. Box 615
Frankfort, KY 40602

RE: Chris Morley Fatality at Mill Creek Power Plant
Dixie Highway, Louisville, Kentucky

Dear Mr. Grubbs:

I am forwarding the attached "Investigation Report" prepared by Keith McBride regarding the above referenced incident that occurred on October 31, 2003. This report is being submitted as the "summary report" required by Section 26 of 807 KAR 5:006.

If you need additional information concerning this incident, please contact me at (502) 627-3712 so I can direct your request to the appropriate person.

Sincerely,

Jim Dimas
Corporate Attorney

Attachment

cc: Keith McBride
Marty Reinert

INVESTIGATION REPORT

Fatality of Contract Worker due to Fall — **03-E-024**
Type of Report — Report Number

Keith McBride — **October 31, 2003**
Investigator — Date of Incident

Reference: **Fatality from Fall**

Location: **Mill Creek Power Plant**
Dixie Highway
Louisville, Kentucky

Case Summary

On October 31, 2003 at approximately 5:10 pm, an emergency call to Mill Creek Power Plant ERT's was sounded due to a missing worker. Plant ERT's responded to unit 4 cooling tower. Approximately 45 minutes later the ERT's found the missing worker in a large, 96 inch diameter riser pipe, inside of the cooling tower. At approximately 7:37pm Jefferson County EMS Paramedics working with the Jefferson County Fire, Confined Space Rescue Team, confirmed that the worker had sustained fatal injuries. Archie Williams, Manager of Health and Safety, Power Generation and Transmission, notified the Kentucky Public Service Commission of the incident.

Investigation

On October 31, 2003 at approximately 5:00pm, Chris Morley and Jimmy Koetter, working for A&T Industrial Services, were inside unit 4 cooling tower. Mr. Morley and Mr. Koetter were pressure washing the header pipes inside of the tower. Mr. Koetter stated during interviews that he and Mr. Morley were talking back and forth while they were working. Mr. Morley, as stated by Mr. Koetter, was using a flashlight to look inside of the next upcoming pipes that were to be cleaned. At one point during their conversation Mr. Koetter noticed that Mr. Morley was not answering. Mr. Koetter stated that he stopped cleaning and turned to look for Mr. Morley. Mr. Morley was no where in site. Mr. Koetter stated that this alarmed him.

Mr. Koetter stated that he ran to the opposite end of the main trough they were working in. He stated that he climbed the ladder to the top of the tower to see if Mr. Morley was out there smoking a cigarette. When Mr. Koetter did not see anyone, he climbed back down into the main trough and ran back to where they had been working. He then climbed the ladder at the end of the trough where they had started, to the top of the tower. He did not see Mr. Morley there either. Mr. Koetter stated that he yelled over the edge of the tower to Mr. James Smith. Mr. Smith, also an A&T employee, was operating the pressure pump for Mr. Koetter and Mr. Morley. Mr. Koetter stated that he told Mr. Smith that Mr. Morley was missing.

Mr. Smith stated during the interview that he went to the top of the tower and climbed down into the trough where the two had been working. He did not see Mr. Morley. Mr. Smith stated that he then left the cooling tower and went to the emergency phone across from the tower. He called the inter-plant 911 and advised them that he had a worker missing. He also radioed Jackie Townsend, Project Manager for A&T. At approximately 5:10pm an alarm for a missing man went out to all plant ERT's. They responded to the unit #4 cooling tower. By this time Mr. Townsend had arrived on scene. Mr. Townsend stated that he entered the tower area of the trough and was met by Mr. Koetter. Mr. Koetter told him that Mr. Morley was missing. Mr. Koetter left the tower. Mr. James Autry, Production Leader, LG&E Mill Creek, was the first ERT on scene. He stated that Mr. Jackie Townsend advised him that the missing worker, Chris Morley, was last seen inside of the main trough. Mr. Autry stated that he took a flashlight and looked down inside of the large riser pipe inside of the trough.

Mr. Townsend at this point left the tower. Mr. Autry stated that he saw what looked to be a bandana. Next on scene were Mr. Bill Alvey, Plant Operator LG&E and a Mr. Jeff Schneider, Auxiliary Operator, LG&E. Mr. Alvey and Mr. Schneider rappelled down inside of the riser pipe and found Mr. Morley. At this time the South Dixie Fire and Rescue Department was on scene. FD Command asked for the two ERT's, Mr. Alvey and Mr. Schneider to advise the condition of Mr. Morley. Mr. Alvey and Schneider advised no pulse, no respirations. FD Command advised the ERT's to abort the operation and to report topside of the cooling tower. FD Command advised Fire Dispatch that they needed the Confined Space Rescue Team to respond to the scene. The Confined Space Team is a multi agency specially trained in this type of rescue. A Jefferson County EMS Paramedic working with the Confined Space Team, reached Mr. Morley at approximately 7:37pm and confirmed that the incident had resulted in a fatality. The operation was then graded as a recovery operation. The Jefferson County Coroner was on scene and officially confirmed the death at approximately 10:20pm once Mr. Morley was brought out.

A&T Industrial services Inc.
7311 Highway 329
Crestwood, Kentucky
[redacted]

Todd Tallon – owner
Anne Tallon – co-owner
3220 Fort Pickins road
LaGrange, Kentucky 40031
[redacted]

Chris Morley – Supervisor / deceased
3736 Kahlert Avenue
Louisville, Kentucky 40215
[redacted]
DOB – [redacted]
SS3 – [redacted]
Hire date – (been with company for 1 year – several years experience)

Jimmy Koetter – Technician / co-worker in tower
4429 St. Mary's Road
Floyd Knobs, Indiana
[redacted]
Hire date – 5/04/2003

James Smith – Technician / co-worker on ground
691 Harding Drive
Mt. Washington, Kentucky 40047
[redacted]
Hire date – 10/04/2003

Jackie Townsend – Project Manager / on site - plant
7511 Cane Run Road Lot #170
Louisville, Kentucky
[redacted]
Hire date – 6/2003

James O. Autry LG&E / ERT on scene

Jeff Schneider – LG&E / ERT on scene

Bill Alvey – LG&E / ERT on scene

Bobby Fox – A&T employee at plant / not on incident scene
6408 Six Mile Lane #117
Louisville, Kentucky
[redacted]
Hire date – 9/11/2003

Ronald Gee – A&T employee at plant / not on incident scene
2911 Sunset Trail
Charlestown, Indiana 47111
[redacted]
Hire date – 8/25/2003

Jason Tallon – A&T employee / not at plant at time of incident
6600 Outer loop #9
Louisville, Kentucky [redacted]
Hire date – 5/09/1978

Jeff Blissett – A&T employee not at plant at time of incident
9121 Vonda Drive
Louisville, Kentucky [redacted]
Hire date – 10/2001

Steve Scholfield – A&T employee at plant / not at incident scene / no interview

Bill Sharp - A&T employee at plant / not at incident scene / no interview

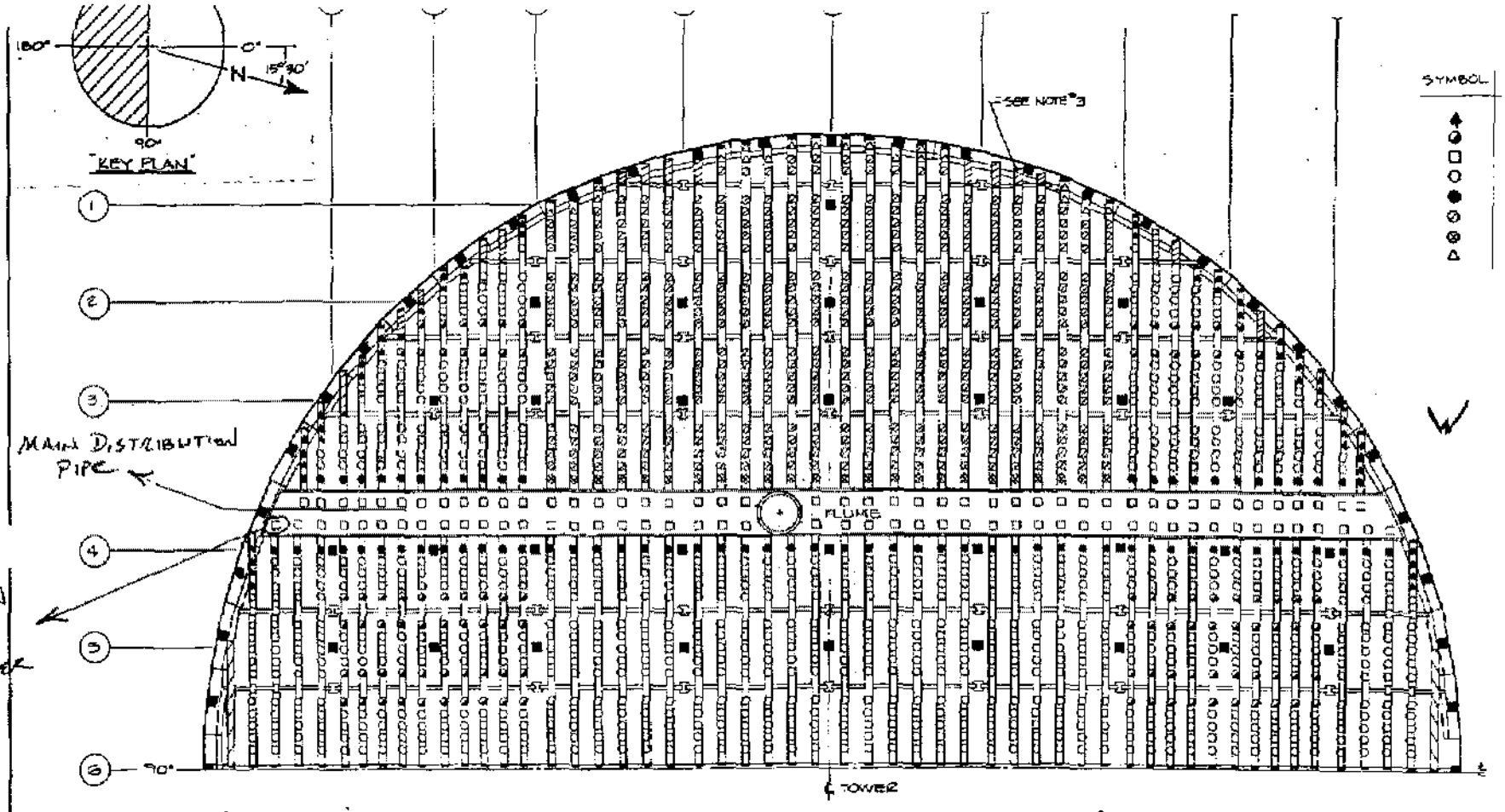
James Gay – A&T employee at plant / not at incident scene / no interview

Matt Akins – A&T employee at plant / not at incident scene / no interview

Juan ? – A&T employee at plant / not at incident scene / no interview

Attachment B

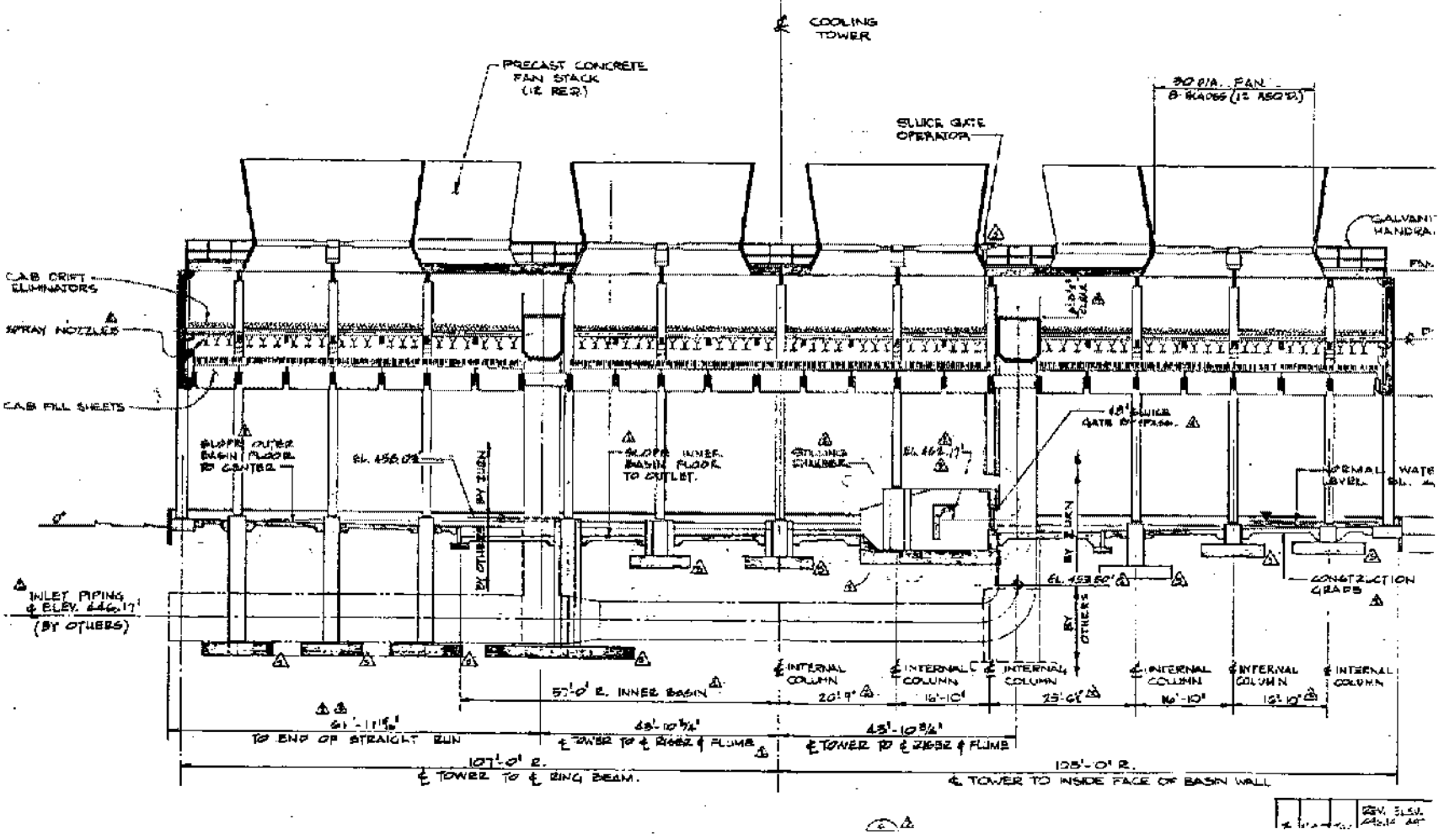
Diagrams of Cooling Tower – Unit 4

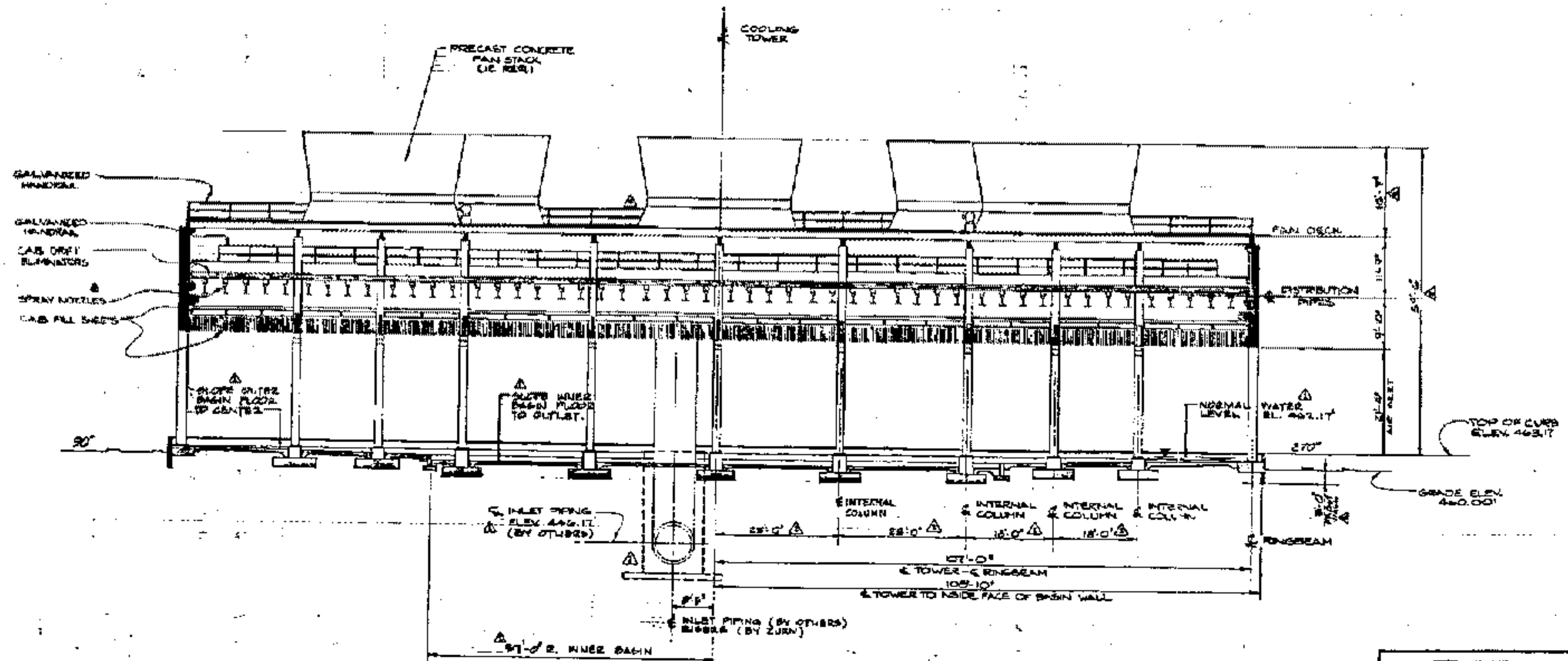


HALF PLAN OF TOWER
DISTRIBUTION LEVEL
SCALE 3/32"-1'-0

NOTES:

⚠ FLUME LEVELS





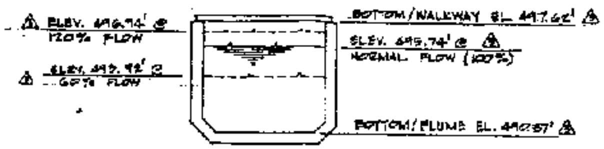
FOR REFERENCE
FOR PIPING INTERFACE
ELEVATIONS SEE
PRICE BROTHERS
DRAWING #22-710-L1

ZURN INDUSTRIES, INC.
COOLING TOWER DIV.

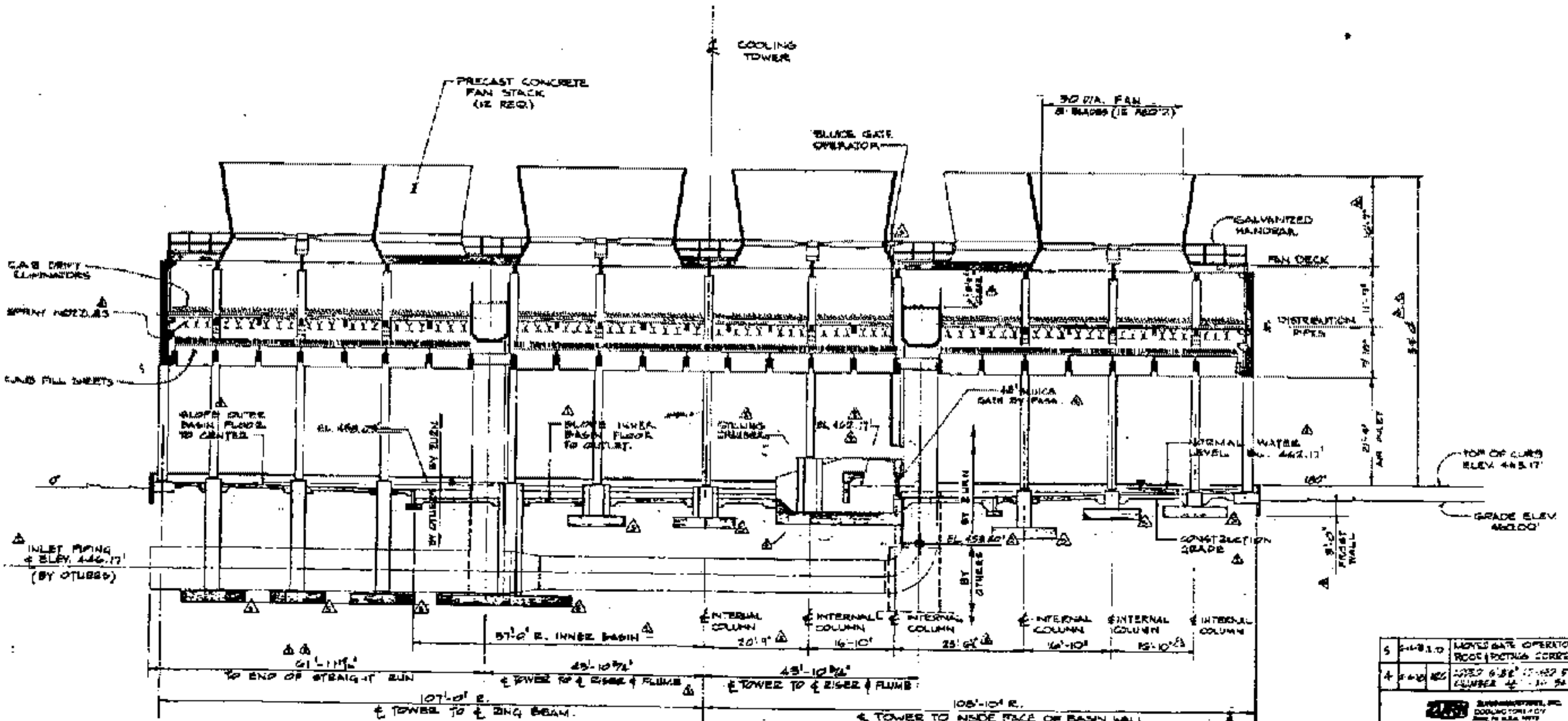
LOUISVILLE GAS & ELECTRIC COMPANY
MILL CREEK-UNIT #4
MULTI-FAN COOLING TOWER
FLUOR PIONEER, INC.

TITLE: SECTIONAL ELEVATION
SHEET #1

REV. A | DWG. NO. A-2



FLUME LEVELS



ELEVATION – SECTION

FOR REFERENCE
FOR PIPING INTERFACE ELEVATIONS
SEE PRICE BROTHERS DRAWING
#22-770-L1

NO.	DATE	BY	DESCRIPTION
5			MOVED GATE OPERATOR TO ROOF & FOOTING CORRECTED
4			[illegible]
3			REV. ELEV. [illegible]
2			REVISED INTERNAL COLUMN DIMS. [illegible] REVISED STILLING CHAMBER. DELETED "POLYPROPYLENE"
1			REV. PER CUST. COMMENTS
0			FOR APPROVAL

TITLE: SECTIONAL ELEVATION
SHEET #2
DWG. NO. A-3
REV. 5

Kentucky Public Service Commission

Electric Utility Personal Injury Incident Report

Attachment C

KPSC Data Request Letter of November 12, 2003

Paul E. Patton, Governor

Janie A. Miller, Secretary
Public Protection and
Regulation Cabinet

Thomas M. Dorman
Executive Director
Public Service Commission

COMMONWEALTH OF KENTUCKY
PUBLIC SERVICE COMMISSION
211 SOWER BOULEVARD
POST OFFICE BOX 615
FRANKFORT, KENTUCKY 40602-0615
http://psc.ky.gov
(502) 564-3940
Fax (502) 564-1582

Martin J. Huelsmann
Chairman

Gary W. Gillis
Vice Chairman

Robert E. Spurlin
Commissioner

November 12, 2003

Mr. Jim Dimas
LG&E Energy
220 West Main Street
P. O. Box 32010
Louisville, KY 40232

Re: Chris Morley Fatality (Mill Creek Plant) Report – October 31, 2003

Dear Mr. Dimas:

Kentucky Public Service Commission (KPSC) Electric Branch staff is conducting an investigation of the recent contractor fatality at the Mill Creek Plant involving Mr. Chris Morley (A&T Industrial Services). Following a review of Louisville Gas & Electric Company's ("LG&E") Investigation Report dated November 7, 2003, KPSC staff requests the following additional information be provided, as detailed below, to further assist our investigation process:

1. Provide copies of any Job Briefings that the A&T crew held during the week of October 27 – of particular interest is the documentation of any Job Briefing held the day of the incident (October 31, 2003).

2. Provide documentation of LG&E's contractor certification (i.e. *Passport Program* certification) for A&T.

3. Provide a listing of Mr. Morley's previous work history with respect to power plant work and cooling tower-cleaning experience.

4. List the number of hours Mr. Morley had worked at the Mill Creek Plant leading up to the incident.

5. Provide copies of any safety audits preformed on any of the A&T crews by LG&E staff.

6. Detail any training the A&T crews have received since (or not listed) their approval by LG&E via the accreditation process in place (i.e. *Passport Program*).

7. Provide copies of the Plant ERT notification and response times, as well as timeline for Jefferson County EMS rescue crews.

8. If available, provide results of victim's blood test and coroner's report.

We would request that you submit your responses by December 1, 2003. If you have any questions concerning this request, please contact me at 502-564-3940, Extension 412 or at: GaryE.Grubbs@mail.state.ky.us.

Sincerely,

Gary E. Grubbs, PE
Manager, Electric Branch KPSC

GEG:dgw

Attachment D

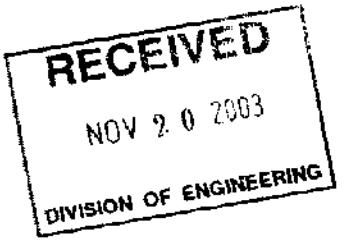
LG&E Data Request Response Letters (November 20 & 24, 2003)

1. "Passport" Certification / Verification Documents
2. A&T Safety Records and OSHA Information
3. Morley's Employee Records
4. A&T's Previous Experience w/ LG&E (J. Townsend Included)
5. Job Safety Assessments by LG&E on A&T During Outage
6. On-Site Contractor Briefings Conducted by LG&E
7. LG&E ERT Response Report
8. A&T Safety Manual (Partial Listing)
9. A&T Training Manual (Partial Listing)

ENERGY

LG&E Energy Corp.
220 West Main Street
P.O. Box 32030
Louisville, Kentucky 40232
(502) 627-3450
(502) 627-3367 FAX

November 20, 2003



Overnight Courier

Mr. David White
Kentucky Public Service Commission
211 Sower Blvd.
P.O. Box 615
Frankfort, KY 40602

RE: Documents relating to Chris Morley Fatality

Dear Mr. White:

Keith McBride provided me with the enclosed documents for review and forwarding to you. Please note that duplicates of some or all of these documents may be provided to Gary Grubbs in response to his letter of November 12, 2003. Please contact me with any questions regarding the enclosed.

Sincerely,

Jim Dimas
Corporate Attorney
Direct Dial: (502) 627-3712

Enclosures

cc: Keith McBride (w/o encl.)
Joe Clements (w/o encl.)
Linda Portasik (w/o encl.)

ENERGY

LG&E Energy Corp.
220 West Main Street
P.O. Box 32030
Louisville, Kentucky 40232
(502) 627-3450
(502) 627-3367 FAX

November 24, 2003

First Class Mail

Gary E. Grubbs, PE
Manager, Electric Branch
Commonwealth of Kentucky
Public Service Commission
211 Sower Boulevard
Frankfort, Kentucky 40602

RE: Chris Morley Fatality -- Information Request

Dear Mr. Grubbs:

I am in receipt of your letter of November 12, 2003, requesting certain information regarding the circumstances of the death of Chris Morley at LG&E's Mill Creek power plant on October 31, 2003. I have enclosed material responsive to your requests (sheets separate the material based on numbering from your letter, a copy of which is attached for your reference).

Please note that LG&E has not provided material responsive to the requests numbered 1, 3, 4 and 8 in your letter. LG&E does not have such information, but I have written to Mr. Morley's employer, A&T Industrial Services, to inquire whether A&T can provide it.

Please note that LG&E has already provided the enclosed materials to David White as part of a response to a verbal request he made. Please contact me with any questions regarding the enclosed materials.

Sincerely,

Jim Dimas
Corporate Attorney
Direct Dial: (502) 627-3712

Enclosures

LG&ENERGY

cc: John Voyles (w/o encls.)
Mike Beer (w/o encls.)
Linda Portasik (w/o encls.)
Keith McBride (w/o encls.)

PASS FORD
PROGRAM

A&T Industrial Services

- Wet/Dry Vacuuming
- 10K Water Blasting
- Environmental Services

Gary K. Yurt MS, CFPS & EMT

Compliance/Safety Experience

Occupational Safety and Health Administration

- Authorized OSHA Trainer #TGI-469

American Safety & Health Institute

- Certified Cardiopulmonary Resuscitation Instructor
- Certified Basic First Aid Instructor
- Certified Emergency Oxygen Administration Instructor
- Certified Automated External Defibrillator Instructor
- Certified Bloodborne Pathogens Instructor

HazWoper Instructor 29CFR 1910.120

- Hazardous Materials Awareness
- Hazardous Materials Technician
- Hazardous Materials Operations
- Hazardous Materials ICS

Portable Fire Extinguisher Instructor 29CFR 1910.157

Confined Space Instructor 29CFR 1910.146

Respiratory Protection Instructor 29CFR 1910.134

Department of Transportation Hazmat Instructor

Emergency Responder Nuclear, Biological and Chemical Technician Preparedness Program Instructor

International Air Transport Association Dangerous Goods Training Instructor

EDUCATION

The Institute of Internal Auditors, Certified Professional EHS Auditor #447, Dec. 2001
Columbia Southern University, Certified Fire Protection Specialist March 1999
Eastern Kentucky University, MS Loss Prevention and Safety Administration, May 1997
Eastern Kentucky University, BS Fire Protection & Safety Engineering Technology, May 1992
Eastern Kentucky University, AA Fire Service Administration, December 1990
Emergency Medical Technician No. 27672, December 1990
Kentucky Certified Instructor, August 1990
Kentucky Certified Firefighter, October 1984

P.O. Box 205 • Crestwood, KY 40014
Office (502) 243-7008 • Fax (502) 243-7009

- Wet/Dry Vacuuming
- 10K Water Blasting
- Environmental Services

A&T Industrial Services
Compliance Training Plan

Policy No.	Title
SHP01.02	Portable Ladders
SHP01.02	Scaffolding
SHP02.02	Employee Emergency Plans
SHP03.02	Hearing Conservation
SHP04.02	Compressed Gas
SHP05.02	Flammable and Combustible Materials
SHP06.02	Hazardous Materials
SHP07.02	Personal Protective Equipment
SHP08.02	Respiratory Protection
SHP09.02	Accident Prevention and Signs
SHP10.02	Confined Spaces
SHP11.02	Energy Control Power Lockout
SHP12.02	Medical Services and First Aid
SHP13.02	Fire Protection
SHP14.02	Hoist and Slings
SHP14.02	General requirement for Machines
SHP14.02	Abrasive wheel machinery
SHP14.02	Tools and Machines
SHP15.02	Welding and Cutting
SHP16.02	Electrical Safety
SHP17.02	Air Contaminants
SHP18.02	Asbestos
SHP19.02	Employee exposure and medical records.
SHP20.02	Blood-borne Pathogens
SHP21.02	Hazardous Communication
SHP22.02	Combustible Gas Meters

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LG&E ENERGY PASSPORT TRAIN-THE-TRAINER INFORMATION SHEET

Name of Trainer GARY K. YURT

Company Name A&T INDUSTRIAL SERVICES

Address for forwarding materials:

Street Address P.O. BOX 805

City CRESTWOOD State KY Zip 40014

Phone Number [redacted]

Cell Phone (if desired) [redacted]

Fax Number [redacted]

E-mail Address [redacted]

Fax this completed sheet to:

Attention: Bob Roederer
Fax No. 502-933-6598

Thanks for your cooperation!

GARY YURT 9/5/2003
AT INDUSTRIAL SERVICES

(1) 98%

LG&E Energy
Passport/Contractor Safety Program
6/2003
Generation Specific Test

1. Which of the following **is not** required of an employee before entering a confined space?

   a. Know what a confined space is.
   b. Know what constitutes entry into a confined space.
   (c.) CPR training
   d. Training and Qualification in confined space work
   e. Notify the facility coordinator of entry into a specific confined space.

2. Which of the following clothing would **not be** permitted at LG&E Energy facilities?

   (a.) Shorts
   b. Fire retardant long sleeve shirts for welding operations
   c. Non-conductive apparel for wear around parts or lines energized at greater than 50 volts.
   d. None of the above would be permitted

3. Standard safety glasses are sufficient protection against the splash of caustic liquids.

   a. True (b.) False

4. When employees are to be involved with any operation that will disturb or generate toxic metal concerns they:

   a. may start/continue the work process while an investigation of the work process is undertaken.
   (b.) must stop work and contact the LG&E Energy representative immediately for assessment and handling/work procedures.
   c. may use respirators to control the exposures and no additional actions are necessary.

5. Training and qualification are required to operate which of the following equipment?

   a. Cranes
   b. Forklifts
   c. Bobcat backhoe attachments
   (d.) All of the above

6. Forklift operators must be evaluated every:

   a. 6 months
   b. year
   c. 2 years
   (d.) 3 years

7. Aerial work platforms **would not include** which of the following?

   a. JLG's
   b. Diesel, electric and crank operated man lifts that are to be operated with employees aboard
   c. Stationary platforms or scaffolding
   d. Scaffolds that are adjustable in vertical or horizontal planes with the employee aboard.

8. Which of the following equipment requires specific training before using?

   a. Abrasive wheel machinery
   b. Aerial work platforms
   c. Saber saws
   d. Circular saws
   e. All of the above

9. While working at LG&E Energy, employees are required to use GFCI protection on all:

   a. JLG's
   b. electrical equipment
   c. scaffolding
   d. radiation sources

10. The grounding of electrical conductors and equipment shall be completed subject to:

    a. the LG&E Energy Safety manual
    b. Kentucky OSHA requirements
    c. federal requirements
    d. all of the above

11. Only crane operators are required to be specifically trained on the hazards associated with crane operations.

    a. True b. False

12. Hazard Communication training for employees working at any LG&E Energy facility:

    a. shall be completed within one week after starting
    b. shall be completed within 30 days after starting
    c. need not be completed if the project involved is of short duration
    d. shall be completed before initiating any work

13. Hazard Communications training shall include:

a. the contractor's written program and access to it
b. hazard evaluation
c. MSDS's (specific to their expected exposures on the job)
d. labeling requirements
e. lead specific training
f. all of the above
g. a and d only

14. Hard Hats:

a. shall be worn at all times on all job sites.
b. may be worn with the brim in any position.
c. shall be worn with chinstraps when necessary to keep the hard hat in place.
d. shall have Colors that are contractor specific and may not be duplicated.
e. All of the above
f. a and c only

15. Which of the following materials that may be found in the plants require specific awareness training to include their health and physical effects, routes of entry and/or where or in what they may be found?

a. Windex
b. Asbestos
c. Arsenic
d. All of the above
e. b and c only

16. Work involving exposures to arsenic requires training in which of the following?

a. Protective procedures
b. Equipment that will be used to control exposure
c. Medical monitoring requirements associated with some levels of exposure
d. All of the above

17. Asbestos may be found in which of the following at LG&E Energy facilities?

a. Thermal insulation
b. Gasket Material
c. Wire Insulation
d. Steel beams
e. All except d

18. Before an employee can participate in any work where the unexpected energizing, startup or release of stored energy could occur and cause injury to personnel or damage to equipment, they must be trained and competent in which of the following?

a. Respiratory equipment selection requirements
b. Specific carding procedures and devices for the control of hazardous energy pertaining to generation equipment
c. Specific lockout procedures and devices for the control of hazardous energy pertaining to non-generation equipment
d. All of the above
e. b and c only

19. Visiting a marine facility **does not** require Marine Standard training.

a. True b. False

20. The 5-Foot rule refers to which of the following?

a. Employees shall not be exposed to a fall of greater than 5 feet without adequate fall protection equipment.
b. Employees shall not work within 5 feet of any crane operation without training.
c. Employees shall not approach nor take any conductive object closer than 5 feet to unguarded or exposed parts energized at 600 volts or greater unless the employee is insulated from the energized parts.

21. Which of the following require obtaining a hot work permit?

a. Grinding
b. Burning
c. Welding
d. Arc air cutting
e. Gouging
f. All of the above

22. Before participating in any lifting and rigging processes, employees must be trained and competent in which of the following?

a. First Aid
b. Operation of a forklift
c. Lockout/Tagout procedures
d. Selection, inspection and use of appropriately sized lifting and rigging devices

23. Placing a hand or foot on scaffolding **does not** require scaffolding user training.

a. True b. False

24. All employees must be trained in the following:

a. How to recognize an incipient stage fire
b. How to select and use the appropriate fire extinguisher
c. When to fight a fire and when to flee
d. All of the above
e. None of the above unless they are part of an emergency response team

25. Training and qualification are required for which of the following types of work?

a. Scaffold use
b. Lifting and rigging
c. Housekeeping
d. Scaffold building
e. All except c

26. First aid training for employees with exposures to greater than 50 volts must be completed at a minimum of every:

a. Year
b. 2 years
c. 3 years
d. 4 years

27. Employees with exposures to conductors energized at 50 volts or more shall receive CPR training at a minimum of every:

a. Year
b. 2 years
c. 3 years
d. 4 years

28. Before beginning any excavation, trenching or shoring, employees responsible for the direction of the job must:

a. be trained and competent in such activities
b. contact the contract coordinator to ensure the safety of the dig.
c. have a DOT Commercial Driver's license
d. All of the above
e. a and b only

29. Before **constructing** any scaffolding, employees shall have been trained and qualified in which of the following?

a. Proper selection of scaffolding
b. Construction of the specific type scaffolding which they will construct.
c. All of the above.

30. Before **using** any scaffolding, employees shall have been trained and qualified in proper inspection and working requirement/limitations for the specific type of scaffolding from which they will work.

a. True b. False

31. Before performing work at Power Generation, Transmission and Distribution facilities, employees must understand the limitations of their qualifications in regard to:

a. hazardous energy control
b. electrical exposures and equipment access
c. job briefing requirements
d. material handling and storage
e. the use of ladders, hand and portable power tools and live line tools
f. all of the above

32. Before employees makes contact with any substance that may contain asbestos, they must:

a. examine it to make sure it is asbestos.
b. stop work and contact their LG&E Energy representative immediately
c. ignore it and assume someone else will take care of it.

33. Due to the potential exposure to human blood on the job site, all employees must have successfully completed which of the following training?

a. Radiation safety
b. Fall Protection
c. Bloodborne Pathogens

34. DOT Hazardous Waste training is required before an employee can be involved in the transportation of potentially hazardous materials. This training includes:

a. placarding
b. manifesting
c. labeling
d. handling
e. all of the above

35. Before the beginning of any work, employees must be instructed by the Contract Manager in the site specific EPA Hazardous Waste/Spill Prevention Control Measures if their job processes:

a. may generate hazardous or special waste
b. have the potential to spill or release any hazardous materials
c. either a or b

36. Employees who have not been specifically trained to operate or maintain instruments which have ionizing radiation sources may not make contact with such instruments or work near such instruments. Examples of these include:

a. Abrasive wheel machinery
b. Level, flow and density instruments
c. Woodworking machinery
d. All of the above

37. Conductive apparel shall be removed, covered or otherwise rendered non-conductive when working around parts or lines energized at greater than:

a. 600 volts
b. 50 volts
c. 69 kV

38. Any employee who will be working at an LG&E Energy facility must be properly trained and competent in the use and care of fall protection equipment if they are exposed to a fall in excess of:

a. 6 feet
b. 10 feet
c. 4 feet

39. Which of the following are examples of personal protective equipment that are required at all times on all jobsites at LG&E Energy?

a. Hard hat
b. Footwear made of leather or leather type material on upper part of shoes and stiff nonskid soles and heels
c. Eye protection
d. All of the above

40. Respiratory protection may only be utilized if the employee:

a. sees visible signs of dust
b. has been trained in use, care and disposal of specific respiratory protective equipment
c. is told by his supervisor to utilize respiratory protection
d. has received a physical and has been fit-tested
e. b and d only

41. Toxic metals are a concern in which of the following types of work?

a. Manual scraping
b. Rivet busting
c. Manual demolition of structures
d. Sanding
e. All of the above

42. Hearing protection must be worn by all employees in which of the following areas:

a. An area designated as requiring hearing protection
b. An area where the noise level is at or above 85 decibels
c. Inside the generating station when a generating unit is in operation
d. All of the above areas

43. Crane inspections are to be:

a. conducted daily or at the start of each shift.
b. weekly or at the start of each work week.
c. documented and the documents retained.
d. conducted visually and no documentation is specifically required.
e. a and c only

44. Crane lifts shall not exceed the manufacturer's _____ load limitation without the submission and pre-approval of a "critical lift plan" by a qualified structural engineer and the crane manufacturer.

a. 50%
b. 85%
c. 100%
d. 110%

45. Counterweights may be added to ensure the lift when operating a forklift.

a. True b. False

46. Which of the following **is not** required by OSHA to be covered in a job briefing before the start of each job?

a. Hazards associated with the specific job
b. Start and stop times for the day's work
c. Specific applicable work procedures
d. Specific precautions (e.g. engineering controls, LOTO/engineering controls)
e. Personal protective equipment required

47. Before rigging to lift any load you must know the load's:

a. Metal content
b. Weight
c. Intended Use

48. Slings must have tags that are legible or they cannot be used.

a. True b. False

49. As sling angles increase, the load on the sling:

a. increases
b. decreases

50. When loads are being lifted, you may work under the suspended load as long as you are wearing the appropriate personal protective equipment and the area is controlled.

a. True b. False

51. Guardrails and toeboards must be installed on all scaffolds unless:

a. appropriate fall protection is being utilized
b. it is physically impossible to do so
c. the employee will not be working close to the edge of the scaffold

52. When it comes to using hand tools, which of the following is <u>not correct.</u>

a. Inspect tools before each use.
b. Use the right tool for the job.
c. When possible push don't pull.
d. Always think, if it slips, where will my hands or body go. Be prepared.
e. Remove all rings from hands.

53. The following must be provided before bringing any chemical onto a plant site:

a. Material Safety Data Sheet
b. Invoice
c. Packing list
d. None of the above as long as you will be taking the unused potion of the chemical when you leave.

GARY YURT AT INDUSTRIAL SERVICES 2/14/2003

-1 98%

LG&E Energy
Passport/Contractor Safety Program

Generation Specific Test

1. Which of the following **is not** required before an employee enters a confined space:

   a. know what a confined space is
   b. know what constitutes entry
   (c) have been trained in CPR
   d. have been trained and qualified in confined space work

2. Which of the following clothing would **not be** permitted at LG&E Energy facilities?

   (a) Shorts
   b. Fire retardant long sleeve shirts for welding operations
   c. Non-conductive apparel for wear around parts or lines energized at greater than 50 volts.
   d. None of the above would be permitted

3. Standard safety glasses are sufficient protection against the splash of caustic liquids.

   a. True (b) False

4. Safety glasses do not need to be worn on specific job sites as long as air borne dusts and fragments are not present.

   a. True (b) False

5. When employees are to be involved with any operations that will disturb or generate toxic metal concerns they:

   a. May start/continue the work process while an investigation of the work process is undertaken.
   (b) Must stop work and contact the LG&E Energy representative immediately for assessment and handling/work procedures.
   c. May use respirators to control the exposures and no additional actions are necessary.

6. Training and qualification are required to operate which of the following equipment?

   a. Cranes
   b. Forklifts
   c. Bobcat backhoe attachments
   (d) All of the above

7. Forklift operators must be evaluated every:

   a. 6 months
   b. year
   c. 2 years
   (d.) 3 years

8. Because of the ease of operation of aerial work platforms no specific training is required to operate these machines.

   a. True (b.) False

9. Aerial work platforms **would not include** which of the following?

   a. JLG's
   b. Diesel, electric and crank operated man lifts that are to be operated with employees aboard
   (c.) Stationary platforms or scaffolding
   d. Scaffolds that are adjustable in vertical or horizontal planes with the employee aboard.

10. Specific training is required for the use of abrasive wheel machinery.

    (a.) True b. False

11. While working at LG&E Energy, employees are required to use GFCI protection on all:

    a. JLG's
    (b.) Electrical equipment
    c. Scaffolding
    d. Radiation sources

12. The grounding of electrical conductors and equipment shall be completed subject to the requirements of:

    a. The LG&E Energy Safety manual
    b. Kentucky OSHA requirements
    c. Federal requirements
    (d.) All of the above

13. Only crane operators are required to be specifically trained on the hazards associated with crane operations.

    a. True (b.) False

14. Hazard Communication training for employees working at any LG&E Energy facility:

a. Shall be completed within one week after starting
b. Shall be completed within 30 days after starting
c. Need not be completed if the project involved is of short duration
(d.) Shall be completed before initiating any work

15. Hazard Communications training shall include:

a. The contractor's written program and access to it
b. Hazard evaluation
c. MSDS's (specific to their expected exposures on the job)
d. Labeling requirements
e. Lead specific training
(f.) All of the above
g. a and d only

16. Hard Hats

a. Shall be worn at all times on all job sites.
b. May be worn with the brim in any position.
c. Shall be worn with chinstraps when necessary to keep the hard hat in place.
d. Shall have Colors that are contractor specific and may not be duplicated.
e. All of the above
(f.) a and c only

17. Which of the following materials that may be found in the plants require specific awareness training to include their health and physical effects, routes of entry and/or where or in what they may be found?

a. Steel
b. Asbestos
c. Arsenic
d. All of the above
(e.) b and c only

18. Work involving exposures to arsenic requires training in which of the following?

a. Protective procedures
b. Equipment that will be used to control exposure
c. Medical monitoring requirements associated with some levels of exposure
(d.) All of the above

19. Asbestos may be found in which of the following at LG&E Energy facilities?

a. Thermal insulation
b. Gasket Material
c. Wire Insulation
d. Steel beams
e. All except d

20. Before any employee can participate in any work where the unexpected energizing, startup or release of stored energy could occur and cause injury to personnel or damage to equipment, they must be trained and competent in the following:

a. Marine Standard
b. Specific carding procedures and devices for the control of hazardous energy pertaining to generation equipment
c. Specific lockout procedures and devices for the control of hazardous energy pertaining to non-generation equipment
d. All of the above
e. b and c only

21. Visiting a facility that is on or over a navigable waterway **does not** require Marine Standard training.

a. True b. False

22. The 5-Foot rule refers to which of the following?

a. Employee shall not be exposed to a fall of greater than 5 feet without adequate fall protection equipment
b. Employees shall not work within 5 feet of any crane operation without training.
c. Employees shall not approach nor take any conductive object closer than 5 feet to unguarded or exposed parts energized at 600 volts or greater unless the employee is insulated from the energized parts.

23. Which of the following require obtaining a hot work permit?

a. Grinding
b. Burning
c. Welding
d. Arc air cutting
e. Gouging
f. All of the above

24. Before participating in any lifting and rigging processes, employees must be trained and competent in which of the following?

a. First Aid
b. Operation of a forklift
c. Lockout/Tagout procedures
d. Selection, inspection and use of appropriately sized lifting and rigging devices

25. Which of the following are not permitted on any LG&E Energy worksite and are cause for discharge?

a. Horseplay
b. Theft
c. Possession of a firearm in vehicle
d. Sale or use of drugs or alcohol
e. All of the above

26. Smoking is permitted in any LG&E Energy building provided there is not a sign posted which states otherwise.

a. True b. False

27. Placing a hand or foot on scaffolding <u>does not</u> require scaffolding user training.

a. True b. False

28. All employees must be trained in the following:

a. How to recognize an incipient stage fire
b. How to select and use the appropriate fire extinguisher
c. When to fight a fire and when to flee
d. All of the above
e. None of the above unless they are part of an emergency response team

29. <u>Training and qualification</u> are required for which of the following types of work?

a. Scaffold use
b. Lifting and rigging
c. Housekeeping
d. Scaffold building
e. All except c

30. First aid training for employees with exposures to greater than 50 volts must be completed at a minimum of every:

a. Year
b. 2 years
c. 3 years
d. 4 years

31. Employees with exposures to conductors energized at 50 volts or more shall receive CPR training at a minimum of every:

a. Year
b. 2 years
c. 3 years
d. 4 years

32. Before beginning any excavation, trenching or shoring, employees responsible for the direction of the job must:

a. Be trained and competent in such activities
b. Contact the contract coordinator to ensure the safety of the dig.
c. Have a DOT Commercial Driver's license
d. All of the above
e. a and b only

33. Before **constructing** any scaffolding, employees shall have been trained and qualified in which of the following?

a. Proper selection of scaffolding
b. Construction of the specific type scaffolding which they will construct.
c. All of the above.

34. Before **using** any scaffolding, employees shall have been trained and qualified in proper inspection and working requirement/limitations for the specific type of scaffolding from which they will work.

a. True b. False

35. In addition to the training received today, it will be necessary to complete a site-specific orientation at the LG&E Energy facility at which you will be working which will include instructions on how to respond to a fire, explosion, severe weather, bomb threat and other emergency procedures.

a. True b. False

36. Before performing work at Power Generation, Transmission and Distribution facilities, employees must understand the limitations of their qualifications in regard to:

a. Hazardous energy control
b. Electrical exposures and equipment access
c. Job briefing requirements
d. Material Handling and Storage
e. The use of ladders, hand and portable power tools and live line tools
f. All of the above

37. All employees must have completed Hearing Protection training for any work in areas subject to noise levels in excess of how many dB?

a. 100
b. 85
c. 70
d. 200

38. Before an employee makes contact with any substance that may contain asbestos, they must:

a. Examine it to make sure it is asbestos.
b. Stop work and contact their LG&E Energy representative immediately
c. Ignore it and assume someone else will take care of it.

39. Due to the potential exposure to human blood and other body fluids on the job site, all employees must have successfully completed which of the following training?

a. Radiation safety
b. Fall Protection
c. Bloodborne Pathogens

40. DOT Hazardous Waste training is required before an employee can be involved in the transporation of potentially hazardous materials. This training includes:

a. Placarding
b. Manifesting
c. Labeling
d. Handling
e. All of the above

41. Before the beginning of any work, employees must be instructed by the Contract Manager in the site specific EPA Hazardous Waste/Spill Prevention Control Measures if their job processes:

a. may generate hazardous or special waste
b. have the potential to spill or release any hazardous materials
c. either a or b

42. Employees who have not been specifically trained to operate or maintain instruments which have ionizing radiation sources may not make contact with such instruments or work near such instruments. Examples of these include:

a. Abrasive wheel machinery
b. Level, flow and density instruments
c. Woodworking machinery
d. All of the above

43. Conductive apparel shall be removed, covered or otherwise rendered non-conductive when working around parts or lines energized at greater than:

a. 600 volts
b. 50 volts
c. 69 kV

44. Any employee who will be working at an LG&E Energy facility must be properly trained and competent in the use and care of fall protection equipment if they are exposed to a fall in excess of:

a. 6 feet
b. 10 feet
c. 4 feet

45. Which of the following are examples of personal protective equipment that are required at all times on all jobsites at LG&E Energy?

a. Hard hat
b. Footwear made of leather or leather type material on upper part of shoes and stiff nonskid soles and heels
c. Eye protection
d. All of the above

46. Respiratory protection may only be utilized if the employee:

a. sees visible signs of dust
b. has been trained in use, care and disposal of specific respiratory protective equipment
c. is told by his supervisor to utilize respiratory protection
d. has received a physical and has been fit-tested
e. any of the above
f. b and d only

47. Employees are required to be trained in the safe use of which of the following tools?

a. Sabre saws
b. Grinders
c. Cutters
d. Circular Saws
e. All of the above
f. None of the above

48. Toxic metals is a concern in which of the following types of work?

a. Manual scraping
b. Rivet busting
c. Manual demolition of structures
d. Sanding
e. All of the above
f. None of the above

49. Hearing protection must be worn by all employees in which of the following areas:

a. An area designated as requiring hearing protection
b. An area where the noise level is at or above 85 decibels
c. Inside the generating station when a generating unit is in operation
d. All of the above areas

50. Which of the following footwear **would** be permitted at LG&E Energy facilities?

a. Sandals
b. Work boots
c. Open toed shoes
d. Shoes with a soft or sponge material for the soles or heels
e. Shoes with a mesh type material
f. None of the above would be permitted

LG&E ENERGY Contractor Health and Safety

Tue Nov 4th 2003

HELP

LINKS

1) Contractor Master Data Screen
2) Contractor Sites
3) Incident Summary Screen
4) Contractor Training Data
5) Logoff
6) Main Menu

7) Incident Reports
8) Training Reports

9) Administrative Menu

CONTRACTOR RESOURCE TRAINING SCREEN

Contractor Name: **A & T INDUSTRIAL SERVICES**

Add New | Show Inactive | Show Active

Search by Last Name: Search

First Name	Last Name	Date of Birth	Trained	Active	P	E	Training Summary	Update	Print Passport
Matthew	Adkins	[redacted]	Yes	Yes	Yes	-	GO	GO	Print
Doug	Amshoff		Yes	Yes	Yes	-	GO	GO	Print
Ross	Bahnsen		Yes	Yes	Yes	-	GO	GO	Print
Jarred	Ballew		Yes	Yes	Yes	-	GO	GO	Print
Jeffrey	Bedan		Yes	Yes	Yes	-	GO	GO	Print
Jeff	Bissett		Yes	Yes	Yes	-	GO	GO	Print
Joe	Crawford		Yes	Yes	Yes	-	GO	GO	Print
John	Durbin		Yes	Yes	Yes	-	GO	GO	Print
Mark	Fitzgerald		Yes	Yes	Yes	-	GO	GO	Print
Chad	Flaherty		Yes	Yes	Yes	-	GO	GO	Print
Shane	Flaherty		Yes	Yes	Yes	-	GO	GO	Print
Bobby	Fox		Yes	Yes	Yes	-	GO	GO	Print
James	Gay		Yes	Yes	Yes	-	GO	GO	Print
Ronald	Gee		Yes	Yes	Yes	-	GO	GO	Print
Okie	Gilbert		Yes	Yes	Yes	-	GO	GO	Print
Melvin	Hall		Yes	Yes	Yes	-	GO	GO	Print
Michael	Hendrick		Yes	Yes	Yes	-	GO	GO	Print
Jimmy	Koetter		Yes	Yes	Yes	-	GO	GO	Print
Bob	Korb		Yes	Yes	Yes	-	GO	GO	Print
Shannon	Martin		Yes	Yes	Yes	-	GO	GO	Print
Thomas	Middleton		Yes	Yes	Yes	-	GO	GO	Print
Jamie	Mitchell		Yes	Yes	Yes	-	GO	GO	Print
Chris	Morley		Yes	Yes	Yes	-	GO	GO	Print
Raymond	Morris		Yes	Yes	Yes	-	GO	GO	Print
George	Naiser		Yes	Yes	Yes	-	GO	GO	Print
David	Schilling		Yes	Yes	Yes	-	GO	GO	Print
Steven	Schofield		Yes	Yes	Yes	-	GO	GO	Print
Bill	Sharp		Yes	Yes	Yes	-	GO	GO	Print
William	Siddons		Yes	Yes	Yes	-	GO	GO	Print
James	Smith		Yes	Yes	Yes	-	GO	GO	Print
Albert	Styles		Yes	Yes	Yes	-	GO	GO	Print
Gary	Tallon		Yes	Yes	Yes	-	GO	GO	Print
Jason	Tallon		Yes	Yes	Yes	-	GO	GO	Print
Brian	Taylor		Yes	Yes	Yes	-	GO	GO	Print
Jackie	Townsend		Yes	Yes	Yes	-	GO	GO	Print

[redacted]

Mike	Williams	[redacted]	Yes	Yes	Yes	-	GO	GO	Print
Gary	Yurt		No	No	-	-	GO	GO	

LG&E ENERGY Contractor Health and Safety

Tue Nov 4th 2003

HELP

LINKS

1) Contractor Master Data Screen
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7) Incident Reports
8) Training Reports

9) Administrative Menu

CONTRACTOR INCIDENT SUMMARY SCREEN

Contractor Name: **A & T INDUSTRIAL SERVICES**

Last months only **All incidents**

Site Name	Date

There are no incidents listed.

Add New

LG&E ENERGY Contractor Health and Safety

Tue Nov 4th 2003

HELP

LINKS

1) Contractor Master Data Screen
2) Contractor Sites
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5) Logoff
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9) Administrative Menu

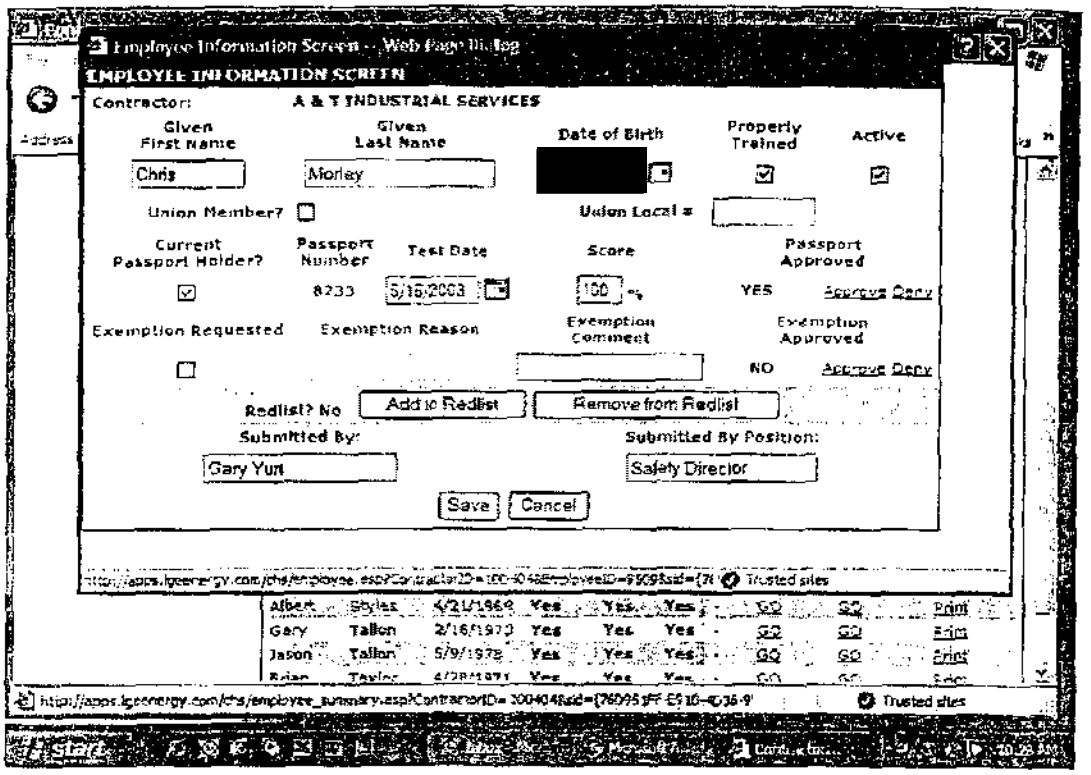
EMPLOYEE TRAINING SCREEN

Chris Morley

Name of Training (* site orientation)	Date	Pass/Fail	Update
Mill Creek Station Plant*	10/10/2003	-	GO
Mill Creek Anhydrous Ammonia*	10/10/2003	-	GO

Add Site Orientation | Add Other Training

Back to Employee Summary


Employee Information Screen -- Web Page Dialog
EMPLOYEE INFORMATION SCREEN
Contractor:
A & T INDUSTRIAL SERVICES
Given First Name
Given Last Name
Date of Birth
Properly Trained
Active
Chris
Morley
Union Member?
Union Local #
Current Passport Holder?
Passport Number
Test Date
Score
Passport Approved
8233
5/15/2003
100
YES
Approve Deny
Exemption Requested
Exemption Reason
Exemption Comment
Exemption Approved
NO
Approve Deny
Redlist? No
Add to Redlist
Remove from Redlist
Submitted By:
Gary Yun
Submitted By Position:
Safety Director
Save
Cancel
Albert Styles 4/21/1969 Yes Yes Yes GO GO Print
Gary Tallon 2/16/1970 Yes Yes Yes GO GO Print
Jason Tallon 5/9/1978 Yes Yes Yes GO GO Print
Trusted sites
Start

LG&E ENERGY

PASSPORT

Name:	Chris Morley	**Birthdate:**	[redacted]
Test Date:	5/15/2003	**Expiration Date:**	5/15/2004
		Passport #:	8733

Site Orientations:	Expiration Date:
Mill Creek Station Plant	1/1/2004
Mill Creek Anhydrous Ammonia	1/1/2004

Contractor
/
Safety
Information

CONTRACTOR SAFETY AND HEALTH QUESTIONNAIRE AND CHECKLIST

(TO BE SUBMITTED BY CONTRACTOR WITH THE RESPONSE TO THE RFQ/RFP)

The Company is committed to providing a safe and healthy workplace for employees and Contractors. To qualify to perform work the Contractor shall provide the following information and agree to obtain the following information from all subcontractors utilized and provide upon request.

Contractor/Consultant Name: A&T Industrial Services, Inc. Date: December 12, 2001

Contracted Activity (please describe) : Industrial / Environmental Cleaning

Contractor Representative: Todd Tallon/Jeff Wells Phone [redacted]

Please provide a brief description of the work activities undertaken by your company:
wet/dry vacuuming, high pressure waterblasting, waste transportation

The following information must be from the facilities providing labor. We are not interested in overall statistics at a national or international level. Describe the area this questionnaire applies.

In the table below provide the three most recent full years of history for the area or region this questionnaire applies. In addition, attach copies of applicable OSHA 200 Logs and verification of your EMR/discount rate information.

ITEM	DESCRIPTION	2000	1999	1998
A	Interstate Experience Modification Rate (EMR)	n/a	n/a	n/a
B	Recordable Incident Rate (RIR)*	0	0	0
C	Lost Workday Injury and Illness Incident Rate (LWDH)	0	0	0
	Using the OSHA 200 Logs from the facilities providing labor, please document the following:			
D	Severity Rate	0	0	0
E	Number of Injuries and Illnesses (Columns 2,6,9,13 of 200 Log)	0	0	0
F	Number of Lost Work day Cases (Columns 2,9 of 200 Log)	0	0	0
G	Number of Injury Related Fatalities (Column 1 of 200 Log)	0	0	0
H	Employee Hours Worked/Year (If unknown use # of employees x 2080)	43,560	36,400	28,312
I	Total Number of Employees	15	12	9

(B) Rate = E x 200,000 ÷ Hours * (C) Rate = F x 200,000 ÷ Hours (D) Rate = Days away from work x 200,000 ÷ Hours

OSHA 200 Logs
1998 - 2000

U.S. Department of Labor

For Calendar Year 19 2000 Page 1 of 1

Company Name A&T Industrial Services, Inc.

Establishment Name

Establishment Address 7311 Hwy 329, Ste. 101b, Crestwood, KY 40014

Form Approved
O.M.B. No. 1220-0029
See OMB Disclosure Statement on reverse.

Extent of and Outcome of INJURY						Type, Extent of, and Outcome of ILLNESS												
Fatalities	Nonfatal Injuries					Type of Illness							Fatalities	Nonfatal Illnesses				
Injury Related	Injuries With Lost Workdays				Injuries Without Lost Workdays	CHECK Only One Column for Each Illness (See other side of form for terminations or permanent transfers.)							Illness Related	Illnesses With Lost Workdays				Illnesses Without Lost Workdays
Enter DATE of death. Mo./day/yr.	Enter a CHECK if injury involves days away from work, or days of restricted work activity, or both.	Enter a CHECK if injury involves days away from work.	Enter number of DAYS away from work.	Enter number of DAYS of restricted work activity.	Enter a CHECK if no entry was made in columns 1 or 2 but the injury is recordable as defined above.	Occupational skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning (systemic effects of toxic materials)	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses	Enter DATE of death. Mo./day/yr.	Enter a CHECK if illness involves days away from work, or days of restricted work activity, or both.	Enter a CHECK if illness involves days away from work.	Enter number of DAYS away from work.	Enter number of DAYS of restricted work activity.	Enter a CHECK if no entry was made in columns 8 or 9.
(1)	(2)	(3)	(4)	(5)	(6)	(7) (a)	(b)	(c)	(d)	(e)	(f)	(g)	(8)	(9)	(10)	(11)	(12)	(13)
0	0	0	0	0	✓	✓	0	0	0	0	0	0	0	0	0	0	0	✓

INJURIES

ILLNESSES

Certification of Annual Summary Totals By Alicia Ewert Title Admin. Ast. Date 02/15/01

OSHA No. 200

POST ONLY THIS PORTION OF THE LAST PAGE NO LATER THAN FEBRUARY 1.

U.S. Department of Labor

For Calendar Year 1999

Page 1 of 1

Company Name A&T Industrial Services, Inc.

Establishment Name

Establishment Address 7311 Hwy 329, Ste. 101b, Crestwood, KY 40014

Form Approved
O.M.B. No. 1220-0029
See OMB Disclosure Statement on reverse.

Extent of and Outcome of INJURY						Type, Extent of, and Outcome of ILLNESS												
Fatalities	Nonfatal Injuries					Type of Illness							Fatalities	Nonfatal Illnesses				
Injury Related	Injuries With Lost Workdays				Injuries Without Lost Workdays	CHECK Only One Column for Each Illness (See other side of form for terminations or permanent transfers.)							Illness Related	Illnesses With Lost Workdays				Illnesses Without Lost Workdays
Enter DATE of death. Mo./day/yr.	Enter a CHECK if injury involves days away from work, or days of restricted work activity, or both.	Enter a CHECK if injury involves days away from work.	Enter number of DAYS away from work.	Enter number of DAYS of restricted work activity.	Enter a CHECK if no entry was made in columns 1 or 2 but the injury is recordable as defined above.	Occupational skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning (systemic effects of toxic materials)	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses	Enter DATE of death. Mo./day/yr.	Enter a CHECK if illness involves days away from work, or days of restricted work activity, or both.	Enter a CHECK if illness involves days away from work.	Enter number of DAYS away from work.	Enter number of DAYS of restricted work activity.	Enter a CHECK if no entry was made in columns 8 or 9.
(1)	(2)	(3)	(4)	(5)	(6)	(7) (a)	(b)	(c)	(d)	(e)	(f)	(g)	(8)	(9)	(10)	(11)	(12)	(13)
O	O	O	O	O	✓	O	O	O	O	O	O	O	/	O	O	O	O	✓

INJURIES

ILLNESSES

Certification of Annual Summary Totals By Alicia Everdt Title Admin. Assistant Date 01/10/00

OSHA No. 200

POST ONLY THIS PORTION OF THE LAST PAGE NO LATER THAN FEBRUARY 1.

U.S. Department of Labor

For Calendar Year 1998 Page 1 of 1

Company Name A & T Industrial Services, Inc.
Establishment Name

Establishment Address 730 Hwy 329, Ste. 101A, Crestwood, KY 40014

Form Approved
O.M.B. No. 1220-0029
See OMB Disclosure Statement on reverse.

Extent of and Outcome of INJURY

Fatalities	Nonfatal Injuries				
Injury Related	Injuries With Lost Workdays				Injuries Without Lost Workdays
Enter DATE of death. mo./day/yr.	Enter a CHECK if injury involves days away from work, or days of restricted work activity, or both.	Enter a CHECK if injury involves days away from work.	Enter number of DAYS away from work.	Enter number of DAYS of restricted work activity.	Enter a CHECK if no entry was made in col. 3 or 4 but the injury is recordable as defined above.
(1)	(2)	(3)	(4)	(5)	(6)

Type, Extent of, and Outcome of ILLNESS

Fatalities	Nonfatal Illnesses				
Illness Related	Illnesses With Lost Workdays				Illnesses Without Lost Workdays
Enter DATE of death. mo./day/yr.	Enter a CHECK if illness involves days away from work, or days of restricted work activity, or both.	Enter a CHECK if illness involves days away from work.	Enter number of DAYS away from work.	Enter number of DAYS of restricted work activity.	Enter a CHECK if no entry was made in col. 9 or 10.
(7)	(8)	(9)	(10)	(11)	(12)

Type of Illness

CHECK Only One Column for Each Illness (See other side of form for examples or permissible exceptions.)

Occupational skin diseases or disorders	Dust diseases of the lungs	Respiratory conditions due to toxic agents	Poisoning (systemic effects of toxic materials)	Disorders due to physical agents	Disorders associated with repeated trauma	All other occupational illnesses
(a)	(b)	(c)	(d)	(e)	(f)	(g)

0	0	0	0	0	✓	0	0	0	0	0	0	0	✓	0	0	0	0	✓

INJURIES

ILLNESSES

Certification of Annual Summary Totals By [signature] Title Administrative Assistant Date 01/05/99

OMB No. 200

POST ONLY THIS PORTION OF THE LAST PAGE NO LATER THAN FEBRUARY 1.

Letter of Verification
for
Experience Modification Rating

ASSOCIATED INSURANCE SERVICE, INC.
Agents•Brokers•Consultants
Since 1955

Joseph T. Altobellis
Norman E. Fallut
James D. Westerer
David C. Walker
Timothy N. Quakenbush
Todd A. Rouse
Richard O. Comley
Taylor P. Walker

December 13, 2001

LG&E Energy Corp.
Supply Chain
P.O. Box 32020
Louisville, KY 40232

Re: A &T Industrial Services, Inc.
7311 Hwy 329, Suite 1101
Crestwood, KY 40014

To Whom It May Concern:

Please be advised that the Workers' Compensation Experience Modification history for the referenced account is as follows:

1998-1999	1.00
1999-2000	1.00
2000-2001	1.00

Should you have any questions or need additional information, please do not hesitate to call.

Best Regards,

Shelly Mirus, CISR

12521 New Chamberlain Lane • P.O. Box 23410 • Louisville, Kentucky 40223-0410 • (502) 241-7072 • Fax (502) 241-7843

	Question	Y/N	Comments
1.	Does your company have a written safety and health program? Please attach a copy with this submission.	Y	See enclosed booklet
2.	Does your company have a written Hazard Communication Program?	Y	p. 31, Safety & health Plan
3.	Does your company have a written environmental compliance assurance program?	Y	
4.	Does your company use subcontractors? If you do use sub-contractors, do you qualify subcontractors based on their ability to address safety, health and environmental requirements? Do you verify that subcontractors meet regulatory requirements?	Y Y Y	
5.	Are all documents, pertaining to this questionnaire, available for auditing? If no, please explain	Y	
6.	Who in your company is responsible for coordinating your safety and health program? Name/Job Title: Gary Yurt, Safety Coordinator Phone # (502) 243-7008 Is safety and health a full time responsibility for this position?	Y	
7.	Has your company received any citations from a regulatory agency during the last three years? If yes, describe citation(s)	N	
8.	Does your company perform safety audits/review? If yes, are safety audits documented?	Y Y	Weekly, monthly, quarterly
9.	Who reviews the safety audit/review and how often? Job Title: Safety Coordinator		weekly, monthly, quarterly
10.	Does your company provide/require the following?		
	Hard Hats (ANSI-Z89.1)(29 CFR 1910.135	Y	
	Foot Protection (ANSI-Z41.1)(29 CFR 1910.136)	Y	
	Eye Protection (ANSI-Z41.1)(29 CFR 1910.133)	Y	
	Hand Protection (ANSI-Z41.1)(29 CFR 1910.138)	Y	
	Hearing Protection (ANSI-Z41.1)(29 CFR 1910.95)	Y	
	Fall Protection (ANSI-Z41.1)(29 CFR 1926.501 or 1910.66)	Y	
	Respiratory Protection (ANSI-Z41.1)(29 CFR 1910.134)	Y	
11.	In addition to regulatory required Personal Protective Equipment, what other PPE is required or supplied? If any, please describe or list: Scba, Air line respirators, chemical suits		

12.	Describe how you will meet the requirements for first aid and medical provision under this contract. Each company truck has first aid kit, all employees are trained in first aid/CPR, emergency phone numbers listed in trucks.		
13.	Does your company have scheduled, documented employee safety meetings? If yes, how often? weekly/monthly	Y	
14.	Who conducts the safety meetings? Job Titles: Safety Coordinator, President/Owner		
15.	What managers/supervisors participate in the safety meetings? all Job Titles: all		
16.	Are meetings reviewed and critiqued by managers/supervisors?	Y	
17.	Does your company hold on-site (tailgate/toolbox) safety meetings? If yes, how often? daily, as needed Who conducts these safety meetings? Job Titles: Job site supervisors Is documentation available?	Y Y	
18.	Does your company have a written policy regarding drug screening or testing of your employees? If Yes Please provide a copy of your plan to The Company representative.	Y	
19.	Does your drug testing program conform to DOT requirements? Comments: If yes, which set of DOT regulations is your drug testing program designed to satisfy? Research and Special Projects Administration - Pipeline Federal Highway Administration X	Y	
20.	Does your company have policy requiring written accident/incident reports (spills, injuries, property damage, etc.)?	Y	
21.	Does your company conduct accident/incident investigating? If yes, please attach a brief outline of procedures	Y	Refer to Safety Policy
22.	Does your company document, investigate and discuss near miss accidents? If yes, is documentation available?	Y Y	
23.	Are accident/incident reports reviewed by managers/supervisors?	Y	

24.	Indicate the circumstances in which your company's employees may be subject to drug screening.		
	Employment	Y	
	Random	Y	
	Probable Cause	Y	
	Post Accident	Y	
	Periodic	Y	
	Other		

PLEASE RESPOND TO ALL ITEMS WITH "YES, NO, OR NA." (ESTIMATED PERCENTAGE OF EMPLOYEES SHOULD REFLECT THE PERCENTAGE OF EMPLOYEES PROVIDING LABOR WHO HAVE RECEIVED TRAINING).

PROGRAMS/TRAINING	REFERENCE SOURCE	PROGRAM DOCUMENTED AND WRITTEN Y/ N/ NA	EST. %	FREQUENCY OF TRAINING FOR INDIVIDUAL EMPLOYEES
Asbestos Class IV (Awareness)	OSHA 29 CFR 1926.1101	Y	100%	annual
Asbestos Class III	OSHA 29 CFR 1926.1101	n/a		
Asbestos Class I and II	OSHA 29 CFR 1926.1101	n/a		
Confined Space Entry	OSHA 29 CFR 1910.146(g)	Y	100%	annual
Cranes	OSHA 29 CFR 1926.550	n/a		
DOT HM-126\f Hazmat Employee	DOT 49 CFR 172.704	Y	70%	annual
Substance Abuse	DOT 46 CFR 16.401 & 391.119	Y	100%	annual
Electrical Safety	OSHA 29 CFR 1910.332	Y	100%	annual
Emergency Evacuation	OSHA 29 CFR 1910.38(a)	Y	100%	annual
Excavations	OSHA 29 CFR 1926.651			
Fall Protection	OSHA 29 CFR 1926.500	Y	100%	annual
First Aid/CPR	OSHA 29 CFR 1910.151(b)	Y	100%	annual
Forklifts	OSHA 29 CFR 1910.178(l)	Y	100%	annual
Hazard Communications	OSHA 29 CFR 1910.1200(h)	Y	100%	annual
Hazwoper - Awareness Level	OSHA 29 CFR 1910.120	Y	100%	annual
Hazwoper 8 Hour	OSHA 29 CFR 1910.120	Y	100%	annual
Hazwoper 24 Hour	OSHA 29 CFR 1910.120	n/a		
Hazwoper 40 Hour	OSHA 29 CFR 1910.120	Y	100%	annual
Hazwoper Supervisor 8 Hour	OSHA 29 CFR 1910.120	Y	70%	annual
Hearing Conservation	OSHA 29 CFR 1910.95	Y	100%	annual
Incipient Fire Fighting	OSHA 29 CFR 1910.157(g)	Y	80%	annual
Lead Worker	OSHA 29 CFR 1926.62(l)	Y	100%	annual
Lead Supervisor	See Above	Y	70%	annual
Lockout/Tagout Authorized Person	OSHA 29 CFR 1910.147(c)(7)	Y	100%	annual
Lockout/Tagout Affected Person	See Above	Y	100%	annual
New Employee Orientation	OSHA 29 CFR 1910.119(g)	Y	100%	annual
Personal Protective Equipment	OSHA 29 CFR 1910.132(f)	Y	100%	annual
Process Safety Management	OSHA 29 CFR 1910.119	Y	80%	annual
Respiratory Protection	OSHA 29 CFR 1910.134	Y	100%	annual
Scaffolding	OSHA 29 CFR 1926.454	Y	100%	annual

56990

LG&E KU

1. VENDOR NAME (payment will be issued to vendor name exactly as listed below)
A&T Industrial Services, Inc.

2. PURCHASING ADDRESS 7311 Hwy 329, Suite 1101
Crestwood, KY ZIP CODE 40014
PHONE NUMBER [redacted] FAX NUMBER (502) 243-7009
EMAIL ADDRESS AtIndServ1@aol.com
CONTACT Todd Tallon / Jeff Wells

3. REMIT TO ADDRESS P.O. Box 805
Crestwood, KY ZIP CODE 40014
PHONE NUMBER [redacted] FAX NUMBER [redacted]
CONTACT same as #2, or for Accounts Payable: Alicia Ewerdt

4. SUPPLIER TYPE (CHECK ONE OF THE FOLLOWING)
_____ ATTORNEY
_____ COMBINED (Provides both goods and services)
_____ EMPLOYEE
_____ REFUND (Used for Refund Vendors)
__X__ SERVICES (Service Provider / not Attorneys)
_____ SUPPLIER (Manufacturer or Distributor of goods)

5. IS YOUR BUSINESS ONE OF THE FOLLOWING (IF YES, PLEASE INCLUDE CERTIFICATION)
(PLEASE CHECK ALL APPLICABLE CATEGORIES)
_____ DISADVANTAGED (All minorities except service disabled veterans)
_____ SERVICE DISABLED VETERAN
__X__ WOMAN OWNED
__X__ SMALL BUSINESS ACCORDING TO THE SMALL BUSINESS ADMINISTRATION REGULATIONS

6. ARE YOU A HUB ZONE BUSINESS AS DEFINED BY FAR? no

7. PLEASE STATE CUSTOMARY TERMS OF PAYMENT yes

8. ORGANIZATION TYPE (CHECK ONE OF THE FOLLOWING)
__X__ CORPORATION _____ FOREIGN CORPORATION
_____ INDIVIDUAL _____ FOREIGN INDIVIDUAL
_____ PARTNERSHIP _____ FOREIGN PARTNERSHIP

9. FEDERAL TAX ID [redacted]
(or) SOCIAL SECURITY NUMBER & NAME _____

10. PRIMARY LABOR/CRAFT OR PRODUCT YOUR COMPANY PROVIDES
wet/dry vacuuming, high pressure waterblasting, waste disposal

11. PLEASE FILL OUT ATTACHED W-9 FORM

SIGNATURE [signature] DATE 12-13-01

Employee Records

Association of
Reciprocal Safety
Councils, Inc.

Christopher Morley
KCUC ID# 45-5543

Reciprocal Courses	Exp Date
22 Basic Plus	11/03

UNIVERSITY of LOUISVILLE
Hazardous Materials Training Center
and
Midwest Consortium for Hazardous Waster Worker Training
presents this
Certificate of Training
to Christopher R. Morley
for successful completion of
40-Hr Hazardous Waste Site Worker

Director, Center for Continuing and Professional Education — 6/2/97 Date — Director, Hazardous Materials Training Center

SUNBELT RENTALS
Aerial Specialists

This certifies that:
Joe Crawford
has attended training on
the following models
Aerial Work Platform
Operator
Presented by:
Authorized Signature Date: 09/03

Certificate of Training ANSI A92 Aerial Platform Safety

SUNBELT RENTALS
Aerial Specialists

This certifies that:
David Schilling
has attended training on
the following models
Aerial Work Platform
Operator
Presented by:
Authorized Signature Date: 09/03

Certificate of Training ANSI A92 Aerial Platform Safety

SUNBELT RENTALS
Aerial Specialists

This certifies that:
Albert Styles
has attended training on
the following models
Aerial Work Platform
Operator
Presented by:
Authorized Signature Date: 09/03

Certificate of Training ANSI A92 Aerial Platform Safety

SUNBELT RENTALS
Aerial Specialists

This certifies that:
George Waiser
has attended training on
the following models
Aerial Work Platform
Operator
Presented by:
Authorized Signature Date: 09/03

Certificate of Training ANSI A92 Aerial Platform Safety

SUNBELT RENTALS
Aerial Specialists

This certifies that:
Ronald Gee
has attended training on
the following models
Aerial Work Platform
Operator
Presented by:
Authorized Signature Date: 09/03

Certificate of Training ANSI A92 Aerial Platform Safety

SUNBELT RENTALS
Aerial Specialists

This certifies that:
Bill Siddons
has attended training on
the following models
Aerial Work Platform
Operator
Presented by:
Authorized Signature Date: 09/03

Certificate of Training ANSI A92 Aerial Platform Safety

SUNBELT RENTALS
Aerial Specialists

This certifies that:
Chris Morley
has attended training on
the following models
Aerial Work Platform
Operator
Presented by:
Authorized Signature Date: 09/03

Certificate of Training ANSI A92 Aerial Platform Safety

SUNBELT RENTALS
Aerial Specialists

This certifies that:
Okie Gilbert
has attended training on
the following models
Aerial Work Platform
Operator
Presented by:
Authorized Signature Date: 09/03

Certificate of Training ANSI A92 Aerial Platform Safety

Corporate Medical Services

5490 Dayton Blvd
Chattanooga, TN 37415
(423)-870-0701 (800)-501-0129
fax: (423)-870-7880

Company Information:

A & T INDUSTRIAL SERVICE
7311 HWY 329 STE 1016
CRESTWOOD, KY 40014
Attn. TODD TALLON

Account Id & Description:

KY110302
A & T INDUSTRIAL SERVICE

[redacted]

Donor Information:

[redacted]

Specimen Collected At:

CONCENTRA MEDICAL CENTER
401 MAC LEAN AVE
LOUISVILLE, KY 40209
(502) 361-0606

Drug Screen Statistics:

Reason	Return To Duty
Collected	05/07/2003
Lab Date Rec	05/08/2003
Lab Results:	05/08/2003
CMS Final Report	05/08/2003

Laboratory Information:

Advanced Toxicology Network
3560 Air Center Cove, Suite 101
Memphis, TN 38118

Drug Screen Results:

Test Description:	TEN PANEL DRUG SCREEN W/MRO
This screen tests for the following	Amphetamines, Barbiturates, Benzodiazepines, Cocaine, Marijuana, Methadone, Methaqualone, Opiates, PCP and Propoxyphene
Results	NEGATIVE
Drug Detected:	None

Mark W. Peterson M.D.

Mark W. Peterson M.D.
Medical Review Officer

#081132

KENNY
Industrial Service

Christopher Morley
Account Manager
[redacted]

4111 RALPH AVE.
LOUISVILLE, KY 40211
[redacted]

TEST and ANSWER SHEET

Name: Christopher R. Morley *Date:* 6-14-03 *Score:* 100%

INSTRUCTIONS: Please fill in the circle that corresponds with the answer to the question on the test. Turn the test and the test answer sheet into the trainer when finished.

Question:	*A*	*B*	*C*	*D*
1. A confined space has all of the following characteristics *except*?	○	○	○	⊘
A. Large enough for someone to enter. B. Has a limited or restricted means for entry & exit. C. Is not designed for continuous occupancy. D. Is designed for continuous occupancy.				
2. A permit required confined space *has* the following characteristics?	○	○	○	◉
A. Harmful atmospheres. B. Engulfment by fine solids or liquid. C. Rotating equipment. D. All of the above.				
3. Which one of the following is *not* considered Confined Space entry?	○	⊘	○	○
A. Entering a reactor. B. Entering the area under a trailer. C. Entering an excavation deeper than 4 feet. D. Entering a storage tank.				
4. Only trained associates can authorize Confined Space Entry?	⊘	○		
A. True B. False				
5. The site is *required* to develop a list of confined spaces?	⊘	○		
A. True. B. False.				
6 Permit required confined spaces *are* required to be labeled as a Permit Required Confined Space entry?		⊘	○	
A. True. B. False.				

TEST and ANSWER SHEET

Question:	*A*	*B*	*C*	*D*
7. Which of the following *is not* a responsibility of the Entry Supervisor? A. Authorization of the Confined Space Entry Permit. B. Ensuring all permit requirements are met. C. Training of Attendants and Entrants. D. Notification of Plant Manager.	O	O	O	✓
8. Which of the following *are* possible hazards associated with conducting Confined Space entry? A. Chemical hazards from materials used in vessel. B. Low oxygen concentration. C. Explosive atmospheres. D. All of the above.	O	O	O	✓
9. When issuing a Confined Space Entry Permit, the one *should* complete the following prior to authorizing entry? A. Wash or rinse vessel with water. B. Lockout and tag any mechanical hazard. C. None of the above. D. Both A & B.	O	O	O	O
10. When conducting Hot Work inside of a permit required confined space, a trained Borden associate must also issue a Hot Work permit? A. True B. False		✓	O	
11. Confined Space Entry Permit can be valid for up to two days if the following conditions *are* met? A. A continuous monitor is used. B. The vessel is isolated by the use of blanks. C. Mechanical hazards of the confined space are Locked out. D. A permit can not be valid for more that 12 hours or until end of shift.	O	O	O	✓
12. The Attendant and Entrant are trained by the Entry Supervisor? A. True B. False		✓	O	

Question:	*A*	*B*	*C*	*D*
13. Which of the following safe work practices *should* be conducted prior to confined space entry? A. Isolation of vessel. B. Ventilation of vessel. C. De energization of electrical equipment. D. All of the above.	○	○	○	⊘
14. Which of the following equipment is *not* required when conducting only Confined Space entry? A. Fire extinguisher. B. Harness and lifeline. C. Barricades. D. Atmospheric monitors.	⊙	○	○	○
15. Which of the following documentation *is* required? A. Canceled Confined Space Entry Permits B. Calibration records of monitoring equipment. C. Name of equipment manufacturer. D. Both A & B.	○	○	○	⊘
16. Monitoring must be conducted for the fo lowing *except* prior to entry? A. noise B. oxygen concentration C. explosibiliy D. possible atmospheric contaminants	⊙	○	○	○
17. Atmospheric monitoring *is* required _____and every_____ hours for oxygen concentration and flammability. A. frequently, two. B. upon termination, two. C. initially, two. D. periodically, three.	⊘	○	⊘	○
18. The *acceptable* range for the oxygen concentration for confined space entry is _____ ____ . A. 0 to 10 %. B. 10 to 19.5%. C. 19.5 to 23.5%. D. oxygen concentration is not critical.	○	○	⊘	○

Mill Creek Station Ammonia Awareness Training

Presenter: A&T Industrial Services - Jason Tallon
Class Length: 2pm -
Date: 10-10-03

Print Name	Employee #	Signature
William K S[illegible]		William K S[illegible]
Jackie Townsend		Jackie Townsend
Ronald Gee		Ronald Gee
Thomas Middleton		Thomas Middleton
[illegible]		George [illegible]
Bobby E[illegible]		[illegible]
Matthew Adkins		Matt Adkins
Steven M. Scholfield		[illegible] M [illegible]
Albert Styles		Albert Styles
JoE CRAWFORD		Joe [illegible]
Jimmy Koetter		Jimmy Koetter
Chris Morley		Chris Morley
Melvin Hall		[illegible]
Bill Sharp		[illegible]
Okie Gilbert		Okie [illegible]

Christopher Morley

Missed 2

AMMONIA AWARENESS TEST

1) **LG&E is installing an SCR because of the**

(A) Clean Air Act
B. Clean Water Act
C. Clean Property Act

2) **The SCR uses _____ to achieve required EPA NO_x reductions.**

A. Gasoline
(B) Anhydrous Ammonia
C. Household Ammonia

3) **Anhydrous Ammonia means:**

(A) With water
(B) Without water
C. Add a little

4) **Everyone has to receive Ammonia Awareness Training of some type it they are going to work on site.**

(A) True
B. False

5) **Anhydrous Ammonia is generally not considered to be a flammable product.**

A. True
(B) False

6) **The Anhydrous Ammonia at Mill Creek will be stored in:**

(A) Two tanks
B. Two warehouses
C. Underground

7) **Anhydrous Ammonia will be delivered to the site by**

A. Railroad
B. Barge
(C) Trucks

8) **The lowest level ammonia can be detected by smell is:**

A. 1,000 ppm
B. 25 ppm
(C) 5 ppm

9) **The tanks are equipped with an alarm system.**

(A) True
B. False

10) **If you hear an alarm at the ammonia site, you should immediately go to the area to find the release source.**

A. True
(B) False

11) **If there is a release, use the alarms and _____ to determine your evacuation process and route:**

A. Sweat socks
(B) Wind socks
C. The flags at the front gate.

12) **If you come in contact with ammonia use _____ for immediate treatment.**

(A) Water
B. Soap
C. Towels

13) **If you come in physical contact with Anhydrous Ammonia, stop to remove your clothes before flushing with water.**

(A) True
B. False

14) **Seek immediate medical attention if you are exposed to Anhydrous Ammonia.**

(A) True
B. False

15) **If you have questions, contact your supervisor or safety specialist.**

(A) True
B. False

A & T
EXPERIENCE
W/ LG & E

A & T Industrial Work experience @ LG&E

Job Site	Date of Work	Job Description	Contact Name
Trimble County	12/15/2001	De-slag Boiler	John Heinz
Trimble County	7/1/2002	Clean R-hopper pit	Keith Peveler
Trimble County	9/11/2002	Clean R-pit and Crusher floors	Keith Peveler
Trimble County	11/23-24/2002	Clean Boiler	Bob Stewart
Trimble County	11/21-27/2002	Clean around conveyors on 17th floor	Keith Peveler
Trimble County	1/16-17/2003	Clean conveyor	Bob Stewart
Trimble County	1/8-15/2003	Coal spill clean-up	Keith Peveler
Trimble County	4/11-12/2003	Clean water & fly ash from Economizers	Bob Stewart
Trimble County	9/4-5/2003	Clean coal belt and Crusher house	Keith Peveler
Cane Run Station	2/15-16/2003	Clean Pass, A&B scrubber	Craig Cadonic
Cane Run Station	2/17-19/2003	Reaction tank	David Luckett
Cane Run Station	2/25-26/2003	6A Reaction tank	Kerry Johnson
Cane Run Station	2/25/2003	Coal feeder B2	Donnie McaNelly
Cane Run Station	2/24-26/2003	Clean pit, basement & remove fly ash	Donnie McaNelly
Cane Run Station	2/27/2003	Coal Mill	Donnie McaNelly
Cane Run Station	2/27/2003	Clean Bromine tank on river	Donnie McaNelly
Cane Run Station	2/27/2003	Clean pit basement for pipe repair	Donnie McaNelly
Cane Run Station	3/12/2003	Clean pit in basement	David Luckett
Cane Run Station	3/15-16/2003	Clean 4a and 4b scrubber	Mike Hensley
Cane Run Station	3/14-15/2003	Clean 6b Reaction tank	Mike Hensley
Cane Run Station	3/22-24/2003	Clean 5a and 5b scrubber	Donnie McaNelly
Cane Run Station	3/24-27/2003	Pre-heater basket cleaner	Donnie McaNelly
Cane Run Station	3/26/2003	Clean burner area on boiler	Donnie McaNelly
Cane Run Station	3/26-4/1/2003	Clean pits and dead air space	Donnie McaNelly
Cane Run Station	3/27-28/2003	Clean preheater duct work	Donnie McaNelly
Cane Run Station	4/2/2003	Clean soda ash tank	Donnie McaNelly
Cane Run Station	4/7/2003	Clean air pin racks on 5a and 5b air baskets	Donnie McaNelly
Cane Run Station	4/8/2003	Clean trenches and sump under scrubber	Donnie McaNelly
Cane Run Station	4/10/2003	Clean out wind box	Donnie McaNelly
Cane Run Station	4/23-25/2003	Clean lime slurry tank	Donnie McaNelly
Cane Run Station	4/30/2003	Clean line on top of reaction tank	Donnie McaNelly
Cane Run Station	5/3-6/2003	6a preheater basket, #4 scrubber, draft fans and nozzles	Donnie McaNelly
Cane Run Station	5/6/2003	Clean mud from #4 booster fan	Kevin Shanessy
Cane Run Station	5/10/2003	Clean fly ash hoppers	Terry Johnson
Cane Run Station	5/12/2003	Clean vacuum bench	Donnie McaNelly

Cane Run Station	5/14/2003	Vacuum ash from #5 heater	Donnie McaNelly
Cane Run Station	5/14/2003	Clean top of furnace	Donnie McaNelly
Cane Run Station	5/8/2003	Clean #6 ash pit and change bags on #6 fly ash seperator	Donnie McaNelly
Cane Run Station	5/17/2003	De-slag #4 boiler	John Prawl
Cane Run Station	5/22-24/2003	Wash scrubber, dead air space and condensor	Donnie McaNelly
Cane Run Station	5/28-31/2003	6b reaction tank, de-slag #5&6 units	Donnie McaNelly
Cane Run Station	5/31-6/3/2003	#4 scrubber, coal feeder mill and #4 unit booster fan	Donnie McaNelly
Cane Run Station	6/5-6/2003	Clean LST tank	Donnie McaNelly
Cane Run Station	6/5/2003	#5 dead air space	Donnie McaNelly
Cane Run Station	6/6-11/2003	#5 scrubber and B LST tank	Donnie McaNelly
Cane Run Station	6/18-19/2003	De-slag #6 boiler	Donnie McaNelly
Cane Run Station	6/23-25/2003	Ash pit #6, soda ash bags, deslag #6 boiler, snake drains	Donnie McaNelly
Cane Run Station	7/2&7/2003	Vacuum trenches	Donnie McaNelly
Cane Run Station	7/14/2003	Clean oil out of #5 sump	Jody Grizz
Cane Run Station	7/13/2003	Clean coal mill and duct	Gary Hobbs
Cane Run Station	7/10/2003	Unit 6 economizer hopper	Kerry Johnson
Cane Run Station	7/16/2003	Check bags #6 fly ash	Donnie McaNelly
Cane Run Station	7/8-11/2003	Clean booster fans, economizer and hoppers	Donnie McaNelly
Cane Run Station	7/29/2003	#6 ash pit	Donnie McaNelly
Cane Run Station	7/29/2003	Clean lime tanks	Joe Ambrose
Cane Run Station	7/28-29/2003	Clean belt feeder, A, C and D belts	Greg Tinsley
Cane Run Station	7/18&24/2003	Clean baghouse bags	Kevin Shanessy
Cane Run Station	7/30/2003	Clean lime tanks and motors	Joe Ambrose
Cane Run Station	7/30-31/2003	Clean #6 ash pit, check #6 fly ash bags, clean stand pipe	Donnie McaNelly
Cane Run Station	8/13/2003	Clean #6 turbine room sump	Donnie McaNelly
Cane Run Station	8/8/2003	Clean stand pipe on #4	Donnie McaNelly
Cane Run Station	8/15-18/2003	Clean #5 scrubber	Donnie McaNelly
Cane Run Station	8/19/2003	Clean A&E coal feeder and #6 duct hoppers	Donnie McaNelly
Cane Run Station	8/19/2003	Clean booster fans	Donnie McaNelly
Cane Run Station	8/19/2003	Clean ID fan on #6	Donnie McaNelly
Cane Run Station	8/22/2003	Wash motors	Donnie McaNelly
Cane Run Station	8/25&28/2003	Stir LST tank	Donnie McaNelly
Cane Run Station	8/26/2003	Snake line to 6a reaction tank	Donnie McaNelly
Cane Run Station	9/7/2003	Clean 5a coal mill	Donnie McaNelly
Cane Run Station	8/30-31/2003	Change #5 baghouse bags	Donnie McaNelly
Cane Run Station	9/10/2003	Clean batch tanks	Donnie McaNelly
Cane Run Station	9/9-10/2003	#6 fan room floor drains	Donnie McaNelly

Cane Run Station	9/8/2003	Clean #6 ash pit	Donnie McaNelly
Cane Run Station	9/15/2003	De-slag #4 boiler	Donnie McaNelly
Cane Run Station	9/21&23, 2003	Vacuum #6 fly ash transfer line and outside of 2 tanks	Donnie McaNelly
Cane Run Station	10/1-2/2003	Vacuum wet precipitator hoppers	Donnie McaNelly
Cane Run Station	10/3-4/2003	Clean 6a booster and 6a ID fans	Donnie McaNelly
Cane Run Station	9/21/2003	Ash pit scaling trough	Donnie McaNelly
Cane Run Station	9/20-22/2003	Air heater wash/steam coils	Donnie McaNelly
Cane Run Station	9/20/2003	SDRS washing	Donnie McaNelly
Cane Run Station	9/20-23/2003	Boiler Back Pass washing	Donnie McaNelly
Cane Run Station	9/22-10/2/2003	Precipitator Outlet duct	Donnie McaNelly
Cane Run Station	10/11/2003	6a and 6b booster and ID fans	Donnie McaNelly
Cane Run Station	10/13-14/2003	Clean lime batch tank	Joe Ambrose
Cane Run Station	10/6/2003	Precipitator hoppers	Donnie McaNelly
Cane Run Station	10/7/2003	Vacuum trenches in basement	Donnie McaNelly
Cane Run Station	10/8/2003	Close doors and replace truck line	Donnie McaNelly
Cane Run Station	10/9/2003	Inspect all work areas and sign off hold cards	Donnie McaNelly
Cane Run Station	10/15/2003	#6 ash pit	Donnie McaNelly
Cane Run Station	10/16/2003	Vacuum trench and #6 underflow	Donnie McaNelly
Cane Run Station	10/21/2003	Check and empty soda ash bags	Donnie McaNelly
Mill Creek Station	5/1-3/2003	Clean preheater baskets	Clarence Stokes
Mill Creek Station	5/3/2003	Clean steam coils and fans	Clarence Stokes
Mill Creek Station	10/23/2003	Economizer and hoppers	Mark Payne
Mill Creek Station	10/25/2003	Boiler wash (front half)	Mark Payne
Mill Creek Station	10/26/2003	Ash pit seal trough	Mark Payne
Mill Creek Station	10/27/2003	Wind boxes	Mark Payne
Mill Creek Station	10/28/2003	Ash pit floor	Steve Goldsmith
Mill Creek Station	10/29/2003	Penthouse	Mark Payne
Mill Creek Station	10/31/2003	Lower Vestibule	Mark Payne
Mill Creek Station	10/27-?/2003	Cooling Tower	Mark Payne

Jackie Townsend

Job History: Jackie started with Nelson Industrial in 1990, as a laborer. Within 2 years I worked my way to a supervisors position. I worked with Nelson Industrial until 2003, working in plants such as LG&E, IPL, WKE, KU, Logan Aluminum, Green River Steel among others. I moved to Louisville and became a primary contact between LG&E and Nelson Industrial from 2000 until I left Nelson in 2003. In May 2003, I began employment with A&T Industrial Services to better myself and to provide a better life for my family. I have done probably every job in the industrial cleaning area, for LG&E sites, many times over.

AUDITS

LG&E MILL CREEK JOB SAFETY ASSESSMENT PROCESS

The following is to be used as a guide for performing safety assessments on work groups.
Observations shall be noted on the attached observation sheet
Upon the completion of the inspection, each category should be rated as:
3- Excellent, 2- Good, 1- Fair, 0- Lacking, N/A Not applicable
Assessor is to provide a copy of assessment to LG&E group being observed, if observing contractors, a copy to their supervisor.

Name of Employee/Contractor being observed: Mathew AOKins

Name of Assessor: Michael Hudson **Date:** 10/29/03

Location: MILL CREEK **Work Group:** A & T

Job Briefing: _____ Yes ___✓___ No

	Indicate Rating Below
Housekeeping	
Work area clean and free of excess trash and debris	3
Walkways and passages are clear	3
Material or equipment properly stored	3
Electrical cords, hoses, welding leads, etc. elevated to prevent hazards	3
Scrap material free of protruding nails or other puncture hazards	3
Trash receptacles are provided for work area	3
Barricades installed, maintained, and disassembled if job completed	3
Personal Protection Equipment	
Hard hats worn in the proper manner and maintained as required	3
Hearing protection worn as required	3
Eye protection worn as required	3
Face shield, goggles, etc., worn if needed	N/A
Proper foot protection worn for the job performed	3
Hand protection being worn	3
Other: respirators, protective clothing	N/A
Fall Protection/ Fall Prevention	
Body Harness required and worn properly	
Lanyards are adequately secured to suitable anchorage	N/A
Perimeter guarding in place to secure area	
Static lines, rat lines, installed and capable of supporting 5,400 –lb. Force	
Tools and Equipment	
Electric cords in good condition	3
Tools inspected before use	3
GFI being used	3
Pneumatic / hydraulic hose connections properly secured	3
Tools used properly	3
Proper adjustment on work rest and wheels properly dressed on bench grinders	N/A

LG&E MILL CREEK JOB SAFETY ASSESSMENT PROCESS

Scaffolding and Ladders	
Scaffolds built to specification	
Proper accesses and egress provided	
Scaffolds tagged correctly	N/A
Ladder and/or scaffold inspected prior to work shift	
Proper ladder being used for the job performed and properly secured	
Proper angle and exceeds the landing 3 ft	
Hoisting and Lifting Equipment	
Crane pre-operation inspection completed	
Chainfalls, come-a-longs and chokers in good condition	
All rigging equipment visually inspected prior to use	N/A
Softeners being used as required	
Proper rigging techniques used	
Fire Protection	
Flammable properly stored	
Oxygen and combustibles separated	
Containers labeled as to content	N/A
Fire extinguisher properly located and inspected	
Containment of hot work and welding screens in place	
Excavations	
Sloped and shored	
Access and egress provided every 25 ft.	N/A
Daily Inspection Performed	
Vehicles/Mobile Equipment	
All lights working	
Seat belts provided and used	
Properly maintained	N/A
Equipment used properly	
Licenses or certificates as required	
Permits	
Confined space permit available	
Hot work permit available	N/A
Procedures being followed i.e., hazard assessment, confined space	
Lead, asbestos, etc.	

Assessor Signature required: [signature]
Leader: MARK MUCKER
Safety Rep: DOUG CHIN

COMMENTS

LG&E MILL CREEK JOB SAFETY ASSESSMENT PROCESS

The following is to be used as a guide for performing safety assessments on work groups.
Observations shall be noted on the attached observation sheet
Upon the completion of the inspection, each category should be rated as:
3- Excellent, 2- Good, 1- Fair, 0- Lacking, N/A Not applicable
Assessor is to provide a copy of assessment to LG&E group being observed, if observing contractors, a copy to their supervisor.

Name of Employee/Contractor being observed: A+T

Name of Assessor: Steve Sluss **Date:** 10/24/03

Location: Mill Creek 4/5 Scrubber Work **Work Group:** A-Group

Job Briefing: _____Yes ___/___No

	Indicate Rating Below
Housekeeping	
Work area clean and free of excess trash and debris	NA
Walkways and passages are clear	3
Material or equipment properly stored	NA
Electrical cords, hoses, welding leads, etc. elevated to prevent hazards	NA
Scrap material free of protruding nails or other puncture hazards	3
Trash receptacles are provided for work area	NA
Barricades installed, maintained, and disassembled if job completed	NA
Personal Protection Equipment	
Hard hats worn in the proper manner and maintained as required	3
Hearing protection worn as required	1
Eye protection worn as required	3
Face shield, goggles, etc., worn if needed	3
Proper foot protection worn for the job performed	3
Hand protection being worn	3
Other: respirators, protective clothing	3
Fall Protection/ Fall Prevention	
Body Harness required and worn properly	
Lanyards are adequately secured to suitable anchorage	
Perimeter guarding in place to secure area	
Static lines, rat lines, installed and capable of supporting 5,400 –lb. Force	
Tools and Equipment	
Electric cords in good condition	
Tools inspected before use	
GFI being used	
Pneumatic / hydraulic hose connections properly secured	
Tools used properly	
Proper adjustment on work rest and wheels properly dressed on bench grinders	

LG&E MILL CREEK JOB SAFETY ASSESSMENT PROCESS

Scaffolding and Ladders

Scaffolds built to specification	
Proper accesses and egress provided	
Scaffolds tagged correctly	
Ladder and/or scaffold inspected prior to work shift	
Proper ladder being used for the job performed and properly secured	
Proper angle and exceeds the landing 3 ft	

Hoisting and Lifting Equipment

Crane pre-operation inspection completed	
Chainfalls, come-a-longs and chokers in good condition	
All rigging equipment visually inspected prior to use	
Softeners being used as required	
Proper rigging techniques used	

Fire Protection

Flammable properly stored	
Oxygen and combustibles separated	
Containers labeled as to content	
Fire extinguisher properly located and inspected	
Containment of hot work and welding screens in place	

Excavations

Sloped and shored	
Access and egress provided every 25 ft.	
Daily Inspection Performed	

Vehicles/Mobile Equipment

All lights working	
Seat belts provided and used	
Properly maintained	
Equipment used properly	
Licenses or certificates as required	

Permits

Confined space permit available	
Hot work permit available	
Procedures being followed i.e., hazard assessment, confined space	
Lead, asbestos, etc.	

Assessor Signature required: _____

Leader: _____

Safety Rep: _____

COMMENTS

A & T's involvement

begins with preoutage mtg. They did not attend 10-28-03 mtg. They are off site & did not attend 11-9-03 mtg.

ON SITE SAFETY BRIEFINGS
W/ CONTRACTORS
HELD AT MILL CREEK RE.

OUTAGE WORK ON UNIT 4 –

LISTING OF CONTRACTOR'S ATTENDANCE

Unit 4 Pre-outage Meeting
10-15-2003

Commitment to Safety

1. Various Hazards associated with facility:
- Lead Paint
- Asbestos
2. Confine Space Work
3. Hot Work Permits
4. Use of fire extinguishers
5. Use of barrier tape/tags
6. Use of Chemical on site/MSDS's/Labeling containers
7. Disposal of waste
8. Location of MSDS's
9. LGE Policies:
- Hear Protection
- Clean Shaven
- Fire Arms
- Drug/Alcohol
10. Location of emergency phones
11. LO/TO procedures
12. Restrooms/annex
13. Reporting emergencies and Spills call 911 in-house, do not call outside agencies call 911
14. PA System
15. Reporting injuries
16. Unsafe Practices
17. Passport
18. I.D badges
19. Vehicles entry inside the plant

Mill Creek Unit #4 Outage Contractor Sign in List

Contractor	Name	Phone Number	Pager Number	Email Address
BLACK'S POWER DS	TOM BLACK	[redacted]		
FLANDERS	TRENT FIELDS			
J&D	Ed OWENS			
BERGER INC	DENIS BERGER			
Robin Voll	Construction 2000			
DARRYL Smith	Hall Contracting			
pullman power	Scott Campbell			
Evans Construction	Mike Wedding			
PULLMAN PWR	GEORGE TIMKE			
FLOWSERVE	DAVID LYNCH			
U.S.C.C. INC	Mike Richardson			
USCC Inc	Keith Montgomery			
Huntington Testing	Charles Barnes			
Youngblood	James Case			
" " " "	Cheyenne Youngblood			
NEC	Jaime R. [illegible]			
NEC	TONY LYKINS			
CEDA Inc	Alan Kessler			
HICKS EQUIP. INC.	CHIP HICKS			
[illegible]	Jackie [illegible]			
MEINERS ELEC	Robbie Kremer			
SAS	MIKE PELZER			

Mill Creek Unit #4 Outage Contractor Sign in List

Contractor	Name	Phone Number	Pager Number	Email Address
Charles Nelson Nelson	Charles Nelson	[redacted]		
Todd Tallent	A&T Industrial			
Jackie Townsend	A&T Industrial			
Jason Tallent	A&T Industrial			
Andy Weiss	A&D Contractors			
[illegible]	A&D Constructors			
Bill Moethrice	[illegible]			
	Ed Justice			

Mill Creek Contractor Safety Meeting Agenda
10-28-03

Safety Issues

1. Report of any incidents or near misses.
2. Positive items.
3. Annex area is off limits to all contractors
4. GFI's
5. Hose Safety Clips
6. Vehicles:
- Parking in the plant
- Bringing in tool boxes
- Car pooling into the plant
- Need contractor name on the vehicle
7. Shaving before arriving to the plant
8. ID Badges for contractors
9. Safety tailgate topic
10. PA System
11. Mike Hudson Outage Safety Coordinator- (502) 332-9037 pgr.
12. Next meeting Tuesday Nov. 4th @ 7:30 AM, Annex conference room

AFT DID NOT ATTEND THIS MEETING
PER LG+E RECORDS.
DEW - KPSC

Mill Creek Station Weekly Contractor Safety Meeting

Date, 10-27-03

Facilitator Doug Chin

Name	Company	Phone#/Pager/E-mail
Tony LYKins	NEC	[redacted]
Robin Voll	Construction 2000	
Charles Barnes	Huntington Testing	
DARRYL Smith	HALL	
[illegible]	A&D contractors	
Doug Hendershot	A+D	
HARVEY WARD	TEI	
John Shaughnessy	Hall	
DENIS A. BERGER	BERGER INC	
Robert MURRAY	EVANS	
TOM BLACK	BPDS	
Cheyenne Youngblood	Youngblood	
James Gage	Youngblood	
JOHN L. TIPTON	EVANS	

Mill Creek Station Weekly Contractor Safety Meeting

Date, 10-27-03

Facilitator Doug Chin

Name	Company	Phone#/Pager/E-mail
MICHAEL HUDSON	L&E	[redacted]
Ed Owens	J-O	
Keith Montgomery	USCC	
Rick Dickson	GMSF	

Mill Creek Contractor Safety Meeting Agenda
11-04-03

Safety Issues

1. Report of any incidents or near misses. Evans, Pullman, LG&E, A&T, Floor access door.
2. Positive items.
3. Picture ID on person
4. Safety tailgate topic
5. PA System
6. Mike Hudson Outage Safety Coordinator- (502) 332-9037 pgr.
7. Next meeting Tuesday Nov. 11th @ 7:30 AM, Annex conference room

POST- INCIDENT MEETING - A+T NOT ON SITE.

DGW - KPSC

Mill Creek Station Weekly Contractor Safety Meeting

Date, 11-04-03

Facilitator Doug Chin

Name	Company	Phone#/Pager/E-mail
John Shaughnessy	Hall	[redacted]
Robin Voll	Construction 2000	
Charles Nelson	Nelson	
Glen A Thomas	"	
Tony Lykins	NEC	
Robert Murray	Evans	
Bill Moehrke	LG&E	
Bill Sivori	LG+E	
Jim Morgan	Mangum	
Scott Campbell	Pullman	
Duane Kinnunen	Pullman Power	
Mike Meade	Mangum	
Harvey Ward	TEI	
Keith Baker	Charah	
Derek Baker	BIW	
Ed Justice	LG&E	
Anthony Whitfill	Hall Contracting	
Doug Hendershot	A&D const	

Mill Creek Station Weekly Contractor Safety Meeting

Date, 11-04-03

Facilitator Doug Chin

Name	Company	Phone#/Pager/E-mail
TOM BLACK	BLACK'S POWER	[redacted]
Ed. OWENS	J&O	
Rick Dickson	BMSI	
DENIS BERGER	BERGER INC	
JAMIE WHEELER	TEC	
Bobby Maples	Moore	
Antonio Alaro Jr	United	
Robert Burchfield	USCC	
Chuck Barnes	huntington Testing	
James Gage	Youngblood	
Cheyenne Youngblood	Youngblood	
JOHN L. TIPTON	EVANS	[redacted]
Michael Hudson	L&E	

ERT RESPONSE SHEET

Run Number: 103103-1
Date of Incident: 10/31/03 Facility: M.C. Reported By: ArT Contractor
Alarm Sounded: 17:05 Type of Incident: Medical
If Medical, was patient transported to hospital. Yes (No)
If Medical, was Med. Run report filled out. (Yes) No
Location of Incident: Unit 4 Cooling Twr
ERT Arrived on Scene: 17:10 ERT Cleared Scene: 12:30
Total Time used in Response: ____ hrs. ____ min.

1. Incident Description: Call came in Man missing @ 4 Cooling Twr. Searched Cooling Twr Reported down The riser ladder and found victim laying in a supine position. Patient was deceased
(See Attachment Yes/No)

2 ERT Actions: When call made That no pulse or respirations Told To leave scene and assist South Dixie
(See Attachment Yes/No)

3. Were Hazardous Materials Involved ? Yes (No) (If Yes, Explain)
(See Attachment Yes/No)

4. ERT Supplies and/or Equipment Expended on Incident Response: Non-Rebreather, C-collar (Used) several pairs latex gloves
(See Attachment Yes/No)

5. ERT Personnel Name And Employee # Used In Response:

1. Joe AuTry
2. Steve WiTmer
3. Bill Alvey
4. Walter Duncan
5. Mark Mitchell
6. Kenny Craigmyle
7. Jeff Schneider
8. Shannon East Ridge
9. ____
10. ____

ERT TIMELINE
Regarding incident on 10-31-03

ERT alarm sounded at approximately 1705 hrs
ERT arrived on scene at approximately 1710 hrs
Search began at this time with victim found at approximately 1745 hrs
ERT began assessing victim and preparing for retrieval at that time
South Dixie Fire Dept on site at approximately 1755 hrs
SDFD Chief Smith declared recovery incident at approximately 1810 hrs
ERT commanded to remove personnel from scene at that time
ERT personnel clear of tunnel at approximately 1845 hrs

Once recovery incident was declared, ERT became back up to outside agencies.

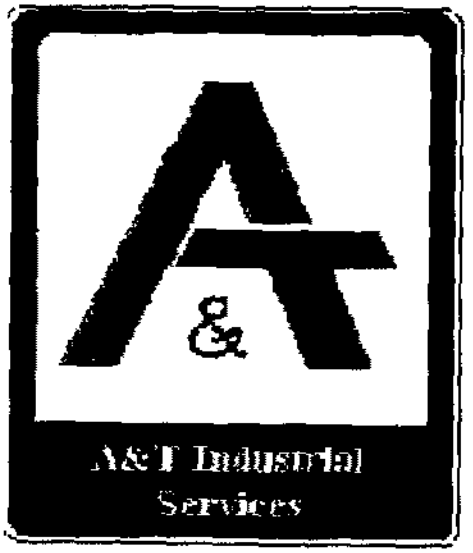
Submitted By:

Shannon Eastridge
MC ERT Chief

11-03-03

LG&E

SAFETY MANUAL



A & T Industrial Services
PO Box 805
Crestwood, KY 40014

A & T Industrial Services

SAFETY and HEALTH POLICY

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A & T Industrial Services

SAFETY and HEALTH POLICY

Company Policy Statement
Policy No. i

Enactment Date: 3/1/98 **Effective Date:** 3/1/98

The Occupational Safety and Health Act of 1970 clearly states our common goal of safe and healthful working conditions. The safety and health of our employees continues to be the first consideration in the operation of this business.

Safety and health in our business must be a part of every operation. Without question it is every employee's responsibility at all levels.

It is the intent of this company to comply with all laws. To do this we must constantly be aware of conditions in all work areas that can produce injuries. No employee is required to work at a job he or she knows is not safe or healthful. Your cooperation in detecting hazards and, in turn, controlling them is a condition of your employment. Inform your supervisor immediately of any situation beyond your ability or authority to correct.

The personal safety and health of each employee of this company is of primary importance. The prevention of occupational-induced injuries and illnesses is of such consequence that it will be given precedence over operating productivity whenever necessary. To the greatest degree possible, management will provide all mechanical and physical facilities required for personal safety and health in keeping with the highest standards.

We will maintain a safety and health program conforming to the best management practices of organizations of this type. To be successful, such a program must embody the proper attitudes toward injury and illness prevention not only on the part of supervisors and employees, but also between each employee and his or her co-workers. Only through such a cooperative effort can a safety program in the best interest of all be established and preserved.

Our objective is a safety and health program that will reduce the number of injuries and illnesses to an absolute minimum, not merely in keeping with, but surpassing, the best experience of operations similar to ours. Our goal is nothing less than zero accidents and injuries.

Gary T. Tallon
President
A&T Industrial Services

Gary K. Yurt, MS, CFPS
Safety Director
A&T Industrial Services

A & T Industrial Services

SAFETY and HEALTH POLICY

OSHA Standards - Safety Policy Cross Reference

Enactment Date: 3/1/98 **Effective Date:** 3/1/98

Information on the following OSHA standards is contained within the Safety and Health Policy.

OSHA Standard	Title	Policy No.
1904	Log and Summary of Occupational Injuries and Illnesses.	
1910.25	Portable Ladders	SHP01
.28	Scaffolding	SHP01
.38	Emergency Preparedness	SHP02
.95	Occupational Noise Exposure	SHP03
.101	Compressed Gases	SHP04
.106	Flammable and Combustible Liquids	SHP05
.119	Process Safety Management	SHP06
.120 (g)	Hazardous Waste and Emergency Operations	SHP07
.132	Personal Protective Equipment	SHP08
.133	Eye and Face Protection	SHP08
.134	Respiratory Protection	SHP09
.135	Head Protection	SHP08
.136	Foot Protection	SHP08
.145	Specifications for Accident Prevention Signs and Tags	SHP10
.146	Confined Space Entry	SHP11
.147	The Control of Hazardous Energy	SHP12
.151	Medical Services and First Aid	SHP13

A & T Industrial Services

SAFETY and HEALTH POLICY

OSHA Standards - Safety Policy Cross Reference

Enactment Date: 3/1/98 **Effective Date:** 3/1/98

.157	Portable Fire Extinguishers	SHP14
.159	Automatic Sprinkler Systems	SHP14
.164	Fire Detection Systems	SHP14
.178	Powered Industrial Trucks	SHP15
.179 (j)	Hoist and Cranes	SHP16
.184	Slings	SHP16
.212	General Requirements for All Machines	SHP16
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.242	Hand and Portable Powered Tools and Equipment	SHP16
.252	Welding, Cutting, and Brazing	SHP17
.253	Oxygen-Fuel Gas Welding and Cutting	SHP17
.332	Electrical Safety	SHP18
.1001	Asbestos	SHP19
.1020	Access to Employee Exposure and Medical Records.	SHP20
.1030	Blood-borne Pathogens	SHP21
.1200	Hazard Communication	SHP22
	Combustible Gas Meters	SHP23
	Safe Driving	SHP24

A & T Industrial Services

SAFETY and HEALTH POLICY

Record Retention
Policy No. iii

Enactment Date: 3/1/98 **Effective Date:** 3/1/98

	Safety and Health Section	Record	Policy No.	Retention Time
	Lock-out Procedures	Equipment-specific lock-out procedures	12	most recent
		Annual Audit		3 years
		Training Records		5 years
	Confined Space Entry Procedures	Training Records	11	5 years
	Gas Dctection Meters	Calibration Logs	23	1 year
	Personal Protective Equipment	Certification of Hazard Assessment	08	most recent
		Training Records		5 years
	Respirators	List of jobs requiring respiratory protection	09	most recent
		Medical Qualification Results		3 years
		Fit Tests		3 years
		Monthly Inspections of Respirators		1 year
		Annual Audit		3 years
		Training Records		5 years
	High Work	Training Records	01	5 years
	Tools and Machines	Monthly Hoist Inspections	16	1 year
	Electrical Safety	Electrician Training and/or Qualification records	18	most recent
	Welding and Cutting Safety	Welder Training/Certification records	17	most recent
	Safety Audits	Monthly Audit Reports		3 years
	Fire Protection	Fire Extinguisher inspections	14	1 year
		Annual fire protection system inspection/test reports		1 year

A & T Industrial Services

SAFETY and HEALTH POLICY

Record Retention
Policy No. iii

Enactment Date: 3/1/98 **Effective Date:** 3/1/98

Safety and Health Section	Record	Policy No.	Retention Time
Ergonomics	Ergonomics Worksheets		5 years
Hazard Communication	Chemical Inventory MSDS Collection Training Records	22	most recent most recent 5 years
Hearing Protection	Noise Survey Results of Hearing Tests Training Records	03	most recent indefinitely 5 years
Asbestos	Asbestos Assessment Training Records	19	most recent 5 years
Safety Showers and Eyewash Stations	Weekly Safety Shower and Eyewash Inspections	13	1 year
First Aid	First Aid Log Monthly First Aid Kit inspections Training Records	13	5 years 1 year 5 years
Protection from Bloodborne Pathogens	Blood Exposure Incident Reports Training Records	21	5 years 5 years
Reporting Procedures	Recordable Injury Log OSHA 300 and 301	ix	5 years
Recordkeeping Procedures	Worker's Compensation Case Files Training Records	20	Indefinitely 5 years
Visits by Regulatory Authorities	Correspondence with regulatory authorities	X	indefinitely

Maintain medical surveillance and worker's compensation case records in a secure and private file to protect the confidentiality of these records. Note the location of the private file in this folder.

A & T Industrial Services

SAFETY and HEALTH POLICY

OSHA Log and Summary
Policy No. Ix

Enactment Date: 3/1/98 **Effective Date:** 3/1/98

1904.0 Recording and Reporting work related fatalities, injuries and illnesses.

The purpose of this rule (Part 1904) is to require employers to record and report work-related fatalities, injuries and illnesses. Recording or reporting a work-related injury, illness, or fatality does not mean that the employer or employee was at fault, that an OSHA rule has been violated, or that the employee is eligible for workers' compensation or other benefits.

1904.32 Reviewing and Posting of OSHA 300 Log and Summary

At the end of each calendar year, you must review the OSHA 300 Log to verify that the entries are complete and accurate, and correct any deficiencies identified. Create an annual summary of injuries and illnesses recorded on the OSHA 300 Log. Certify the summary; and post the annual summary no later than February 1 of the year following the year covered by the records and keep the posting in place until April 30. You must post a copy of the annual summary in each establishment in a conspicuous place or places where notices to employees are customarily posted. You must ensure that the posted annual summary is not altered, defaced or covered by other material.

1904.33 Summary Retention

You must save the OSHA 300 Log, the privacy case list (if one exists), the annual summary, and the OSHA 301 Incident Report forms for five (5) years following the end of the calendar year that these records cover.

1904.39 Notifying OSHA

Within eight (8) hours after the death of any employee from a work-related incident or the in-patient hospitalization of three or more employees as a result of a work-related incident, you must orally report the fatality/multiple hospitalization by telephone or in person to the Area Office of the Occupational Safety and Health Administration (OSHA), U.S. Department of Labor, that is nearest to the site of the incident. You may also use the OSHA toll-free central telephone number, 1-800-321-OSHA (1-800-321-6742).

A & T Industrial Services

SAFETY and HEALTH POLICY

Visit by Regulatory Authorizes
Policy No. x

Enactment Date: 3/1/98 **Effective Date:** 3/1/98

I. Purpose

Following these guidelines ensures clear communication during visits by regulatory authorities and documents inspection activities in case follow-up is required.

II. Scope

This section of the Safety Manual provides guidelines for action to take during visits by safety regulatory authorities (inspectors). The purpose of the visit may be a routine inspection, an investigation of an injury reported to them, or in response to an employee complaint.

III. Guidelines

A. General Conduct

1. The Safety Director should immediately meet with the inspector.
   a. Check the inspectors credentials to confirm that he or she is affiliated with the regulatory agency represented
   b. Clarify the purpose for the visit and its scope
2. Be cordial, but answer questions in a concise manner to keep the conversation focused on the scope of the inspection.
3. Cooperate with requests for employee interviews, which the inspector has the right to conduct in private.
4. Take notes about questions asked, answers given, employees interviewed, and areas inspected.

B. Records Review

1. Provide an office or conference room for the inspectors use.
2. Assign one person as the inspectors escort and host. This person should retrieve records and remain available to the inspector as much as possible.

3. Requests to copy Company procedures or records must be made in writing. If the requested document contains confidential information:

   a. Clearly label the document Confidential, and
   b. Advise the inspector that the document is confidential. This will keep the document from becoming available to the public.

C. Company Inspection

1. Escort the inspector at all times.

2. The inspector must follow all Company safety rules.

3. If the inspector wants to see a particular part of the Company, walk there by a route that avoids other work areas.

4. If an inspector points out a condition that he or she considers unsafe:

   a. Ask:
      (1) Why do you believe the condition is unsafe?
      (2) What corrective action do you recommend?
   b. Without admitting guilt, correct the alleged unsafe condition immediately if possible. This shows good faith in compliance.

5. If the inspector wants to perform exposure monitoring, perform side-by-side monitoring and document the results in the notes about the visit.

6. The inspector may take photographs or videotapes as long as this does not pose a safety hazard.

   a. Take duplicate photographs or video tapes and include these with the notes about the visit.
   b. Ask the inspector for copies of any photographs or videos taken.

7. You are not obligated to start-up a machine or process that is not currently running.

D. Closing Conference

1. The inspector will conduct a closing conference before leaving.
2. Clarify any alleged violations, but do not admit guilt.
3. Report the results of the closing conference immediately to the President of the Company.

E. Documentation Summary

1. Maintain notes from the visit until all follow-up action is complete.
2. File copies of all correspondence from and to the regulatory agency in the Main Business Office.

A & T Industrial Services

SAFETY and HEALTH POLICY

General Safety Rules

Enactment Date: 3/1/98 **Effective Date:** 3/1/98

1. Hard hats, safety glasses and safety shoes must be worn at all plant sites.
2. Goggles and impervious gloves are the minimum personal protective equipment for any job that could produce exposure to hazardous chemicals.
3. "Horseplay" is not allowed.
4. Alcohol and illegal drugs, or working under their influence, are prohibited.
5. If an unsafe situation cannot be corrected immediately, report it to your supervisor.
6. Immediately report all injuries, regardless of how minor, to your supervisor.
7. Good housekeeping is required of all workers to prevent injuries from falls, falling objects, collision, etc.
8. Use barricades to isolate areas that are temporarily hazardous, such as construction areas or areas around leaks. Highly visible rope, tape, or pylons should be kept handy for these cases.
9. Smoking is not permitted in most companies we work in. Most site require you to smoke in designated outside areas.
10. Firearms, fireworks, and explosives are prohibited in visiting company sites.
11. Wear seat belts in all vehicles used for company business.
12. Safety is everyone's responsibility. This includes following all requirements safety requirements in this manual. If you are asked to perform work that you feel is not safe, discuss alternatives with your supervisor. Refusing to perform the job is a final option.

Policy
SHP1

A & T Industrial Services

SAFETY and HEALTH POLICY

High Work Operations
Policy No. SHP01

Enactment Date: 3/1/98 **Effective Date:** 3/1/98

I. Purpose

Following safe work practices while working in high places prevents falls.

II. Scope

This section of the Safety Manual describes requirements for high work, which is defined as work performed while standing or sitting higher than six feet above ground or floor level.

High work includes, but is not limited to, elevated work performed on:

- Ladders
- Mobile work platforms
- Scaffolds

Basic requirements are given for using ladders, scaffolds, mobile work platforms, and personal fall protection equipment. These requirements apply to everyone on site, including contractors.

III. Requirements

A. Extension Ladders

1. Never carry equipment or tools up a ladder with one hand. Hoist up tools after climbing, or have someone hand them up.

2. Always face the ladder when climbing.

3. Climb ladders one person at a time.

B. Portable Ladders

1. Inspect ladders before each use. Do not use ladders with broken rungs, damaged feet, or other damaged parts.

2. Position straight ladders so that:

a. The horizontal-to-vertical pitch is at a 1 to 4 ratio.
b. At least three feet of ladder extends over the level being accessed.

3. When climbing a straight ladder, it must be held steady by another person or be tied to a supporting structure.

4. Never stand on the top step of a portable ladder.

5. Move ladders frequently to avoid "over-reaching" and the risk of falling.

6. Never use portable straight ladders in a horizontal position.

7. Do not use metal ladders for work on electrical systems.

8. Take damaged ladders out of service and have them repaired or destroyed.

C. Scaffolds

1. All scaffolding construction must comply with regulatory requirements. A note to this effect is generally on commercial scaffolding.

2. Erect scaffolds so they are plumb and rigidly braced.

3. Provide an access ladder if there is no other safe access.

4. Guardrails and toeboards must be installed on all scaffolds.

5. Do not work on scaffolds during storms or periods with high winds.

6. Never overload scaffolds beyond their rated capacity.

D. Mobile Work Platforms

1. Inspect mobile work platforms for proper operation before using them.

2. Only those trained to safely use the equipment may operate it.

3. Follow all manufacturer's safety instructions for setting up and using the mobile work platform.

4. Use personal fall protection equipment that is anchored to the platform at all times.

E. Personal Fall Protection Equipment

1. Personal fall protection equipment is required for all high work except when:

   a. Climbing and working on a properly secured ladder
   b. Working on a platform or scaffold protected by handrails

2. Personal fall protection equipment must include a:

   a. Full-body harness
   b. Lanyard
   c. Anchoring point

3. The fall protection system must limit the free-fall to six feet or less.

4. Personal fall protection equipment must be manufactured to comply with ANSI standard Z359.1-1992.

5. Inspect personal fall protection equipment before use and remove defective equipment from service.

6. The supervisor of a high work job is responsible for:

   a. Evaluating the need for personal fall protection when planning a job.
   b. Using one of these options to protect workers performing high work:
      (1) Erect temporary scaffolding or use guarded platforms to protect workers from falling, or
      (2) Require personal fall protection systems to eliminate the free fall hazard.

c. Taking precautions to protect workers from free fall hazards while installing temporary scaffolds or platforms, or while setting up personal fall protection systems.
d. Assuring that all employees who perform high work are properly trained and understand the requirements of this section of the Safety and Health Policy.
e. Providing on-the-job instruction in using personal fall protection equipment.

7. Each employee using personal fall protection equipment is responsible for:

a. Inspecting the personal fall protection system prior to using it.
b. Bringing any questions or concerns about the type of personal fall protection equipment or system installation to the attention of the supervisor.

F. Training

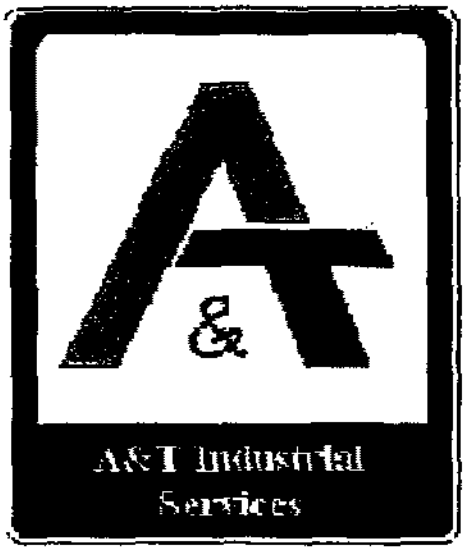
1. Train employees who will perform high work that involves personal fall protection equipment and their supervisors:

a. As initial training
b. Annually thereafter

2. This training should include:

a. Proper wearing of body harnesses
b. Proper attachment and anchorage of lanyards and lifelines
c. Proper equipment use
d. Inspection of lanyards, harnesses, lifelines, and devices
e. Proper care and storage of personal fall protection equipment

TRAINING MANUAL



A & T Industrial Services
PO Box 805
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Training Programs

Asbestos
Blood-borne Pathogens
Confined Spaces Entry
Electrical Safety
Emergency Preparedness
Energy Control Power Lockout
Fall Protection
Hazardous Communication
Hazardous Waste and Emergency Response
Medical Services and First Aid
Personal Protective Equipment
Powered Industrial Truck
Respiratory Protection
LG&E Passport Training

INCLUDED IN ATTACHMENT-

REMAINING CHAPTERS ON FILE

DGW
KPSC

Safety Training Presentations

Fall Protection

Why Fall Protection?

- Do your hands get sweaty when you watch someone working from heights?
- Do you know anyone who has fallen off of a deck or roof?
- Falls accounted for 10% of fatal work injuries in 1994 and 1995

Fall Protection Goals

- Fall hazards, work rules, and fall prevention
- Personal fall arrest system
- Quiz

Fall Protection Requirements

- General industry regulations
  - Platforms, equipment used to lift workers
- Construction industry regulations
  - Scaffolds, cranes, steel erection, tunneling, stairways, ladders
- Rule of thumb
  - When working 6 feet or more above a lower level, some form of fall protection is required

Hazard Recognition

- Tripping over tools, materials, etc.
- Workers not aware of their location
- Failure to use required fall protection
- Dropping objects
- Lifting people with improper equipment

Aboveground Working Rules

- Use a personnel lift only if you're authorized
- Only authorized employees should work on elevated areas
- Stay away from edges, unless you are working there
- Never run when working above ground
- Listen for verbal warnings

Falling Objects

- When working above ground:
  - –Don't leave tools or materials where they might be kicked over the edge or tripped over
  - –Don't throw items over the edge
- Wear hard hats when working under an aboveground work area

Guardrails

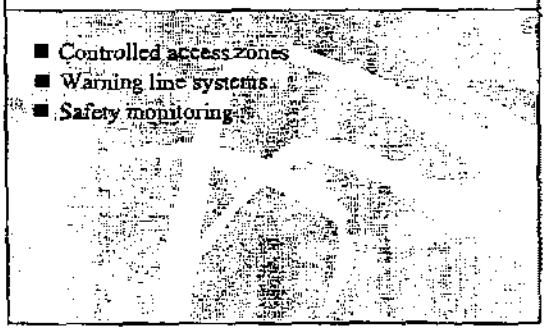
- Barrier along an open edge
- 42" high with middle rail halfway up
- Toeboard or kickplate
- Withstand force

Safety Nets

- Safety devices located under elevated workers
- Made of a strong rope mesh
- Inspection requirements

Other Fall Protection Devices

- Controlled access zones
- Warning line systems
- Safety monitoring



Fall Protection Goals

- Fall hazards, work rules, and fall prevention
- Personal fall arrest system
- Quiz

Personal Fall Arrest System

- Worker tied to fixed object
- Harness or belt worn
- Lanyard, lifeline, deceleration device
- Never use to hoist workers or objects

Uses for Personal Fall Arrest

- Working above a lower level
- Worker positioning
- Worker restraint
- Climbing
- Worker riding or lifting

Arresting Forces

- The act of falling is not painful
- Striking an object or sudden stopping causes pain
- Body weight x fall distance

Body Belts

- As of January 1, 1998, use of a body belt for fall arrest is prohibited by OSHA
  - –Damage to spine and internal organs
  - –Average tolerable suspension time is 90 seconds
  - –Maximum of only 900 pounds of arresting force
- Work Restraint
  - –Snug around midsection
  - –D-ring at the center of the back

Harness

- Arresting forces on thighs, pelvis, waist, chest and shoulders
  - –Harness rated for 1,800 pounds of arresting forces
  - –Tolerable suspension time of 15 minutes
- D-rings
  - –Upper back for fall arrest
  - –Sides for positioning
  - –Front for rescue or suspension

Lanyard

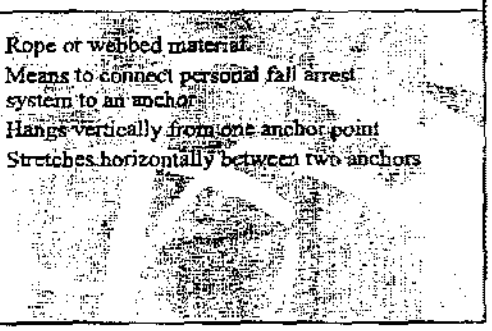
- Connects harness to lifeline or anchor
- Stretching or tearing system absorbs shock, prevents bouncing to reduce arresting forces
  - –Steel provides no give, so large arresting forces
  - –Nylon rope gives mild arresting forces, however it bounces, so lots of jolts
- No knots or wrapping around sharp objects

Deceleration Device

- Dissipates a substantial amount of energy during a fall arrest
- Rip-stitch, tearing, or stretching lanyard
- Rope grab device
- Retracting lifelines or lanyards

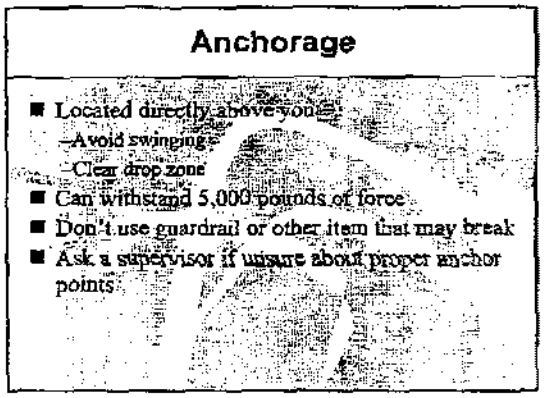
Lifeline

- Rope or webbed material
- Means to connect personal fall arrest system to an anchor
- Hangs vertically from one anchor point
- Stretches horizontally between two anchors



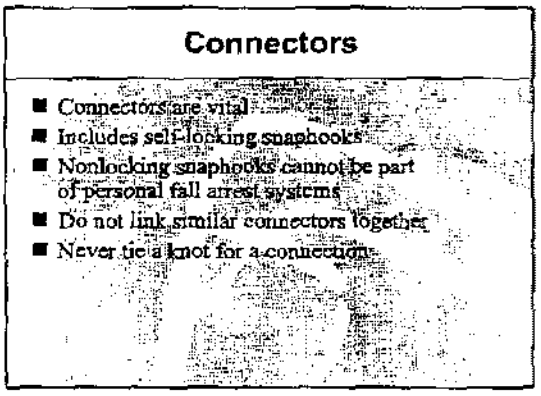
Anchorage

- Located directly above you
  - Avoid swinging
  - Clear drop zone
- Can withstand 5,000 pounds of force
- Don't use guardrail or other item that may break
- Ask a supervisor if unsure about proper anchor points



Connectors

- Connectors are vital
- Includes self-locking snaphooks
- Nonlocking snaphooks cannot be part of personal fall arrest systems
- Do not link similar connectors together
- Never tie a knot for a connection



Equipment Inspection

- Inspect before every use
- Cuts, tears, abrasions, stitches coming out
- Cracks or burns
- Parts move freely
- No alterations
- Appropriate labels
- Record inspection in a log

Rescue Plan

- Each worksite or facility must have a rescue plan
- Employees must be trained on the plan
- Limit hanging/ suspension time

Fall Protection Goals

- Fall hazards, work rules, and fall prevention
- Personal fall arrest system
- Quiz

Summary

- Understand and recognize potential hazards
- Keep tools and materials organized and away from edges
- Reduce arresting forces by limiting fall distance
- Decelerate devices to reduce arresting forces
- Inspect your equipment prior to each use

Attachment E

Listing of Data Kept on File with KPSC (not included in report)

CHRIS MORLEY FATAILTY REPORT

LG&E – MILL CREEK PLANT 10/31/03

LISTING OF DATA ON FILE – NOT INCLUDED IN MAIN BODY OF KPSC REPORT:

- Additional LG&E site photos
- A & T Drug and Alcohol Policy
- A & T Safety Manual
- A & T Training Manual

Attachment F

LG&E Site Photos

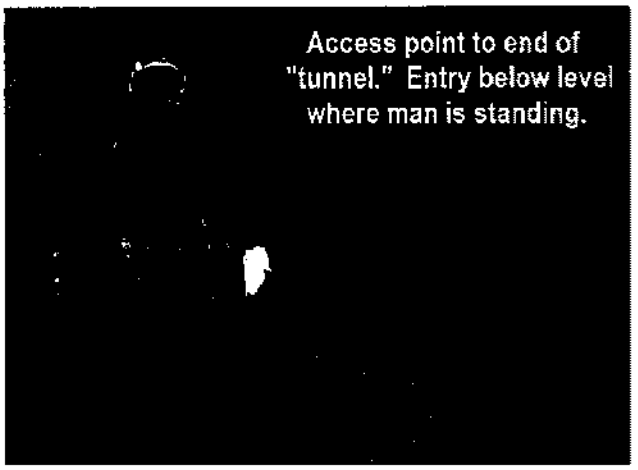
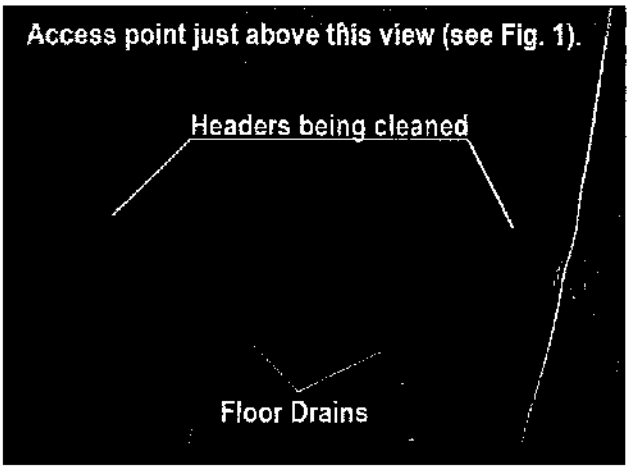


Fig. 1



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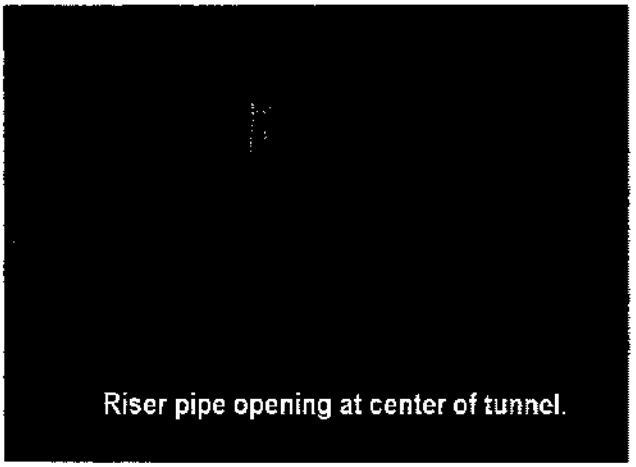

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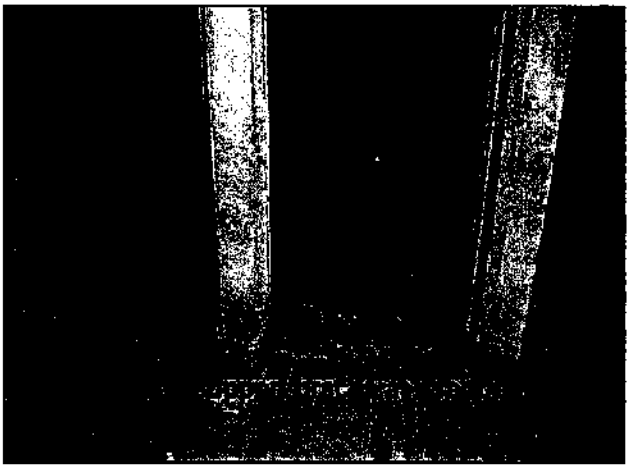

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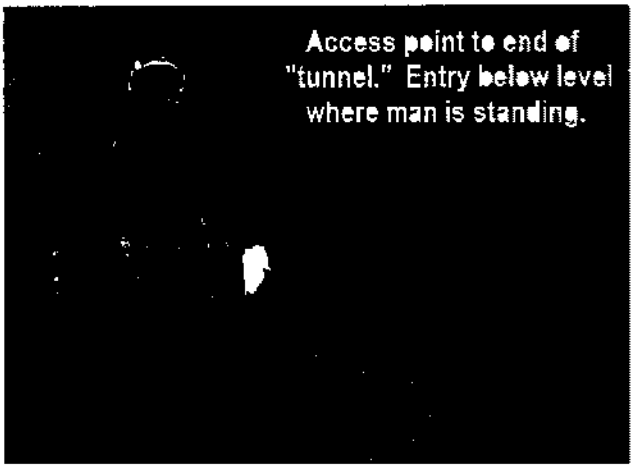

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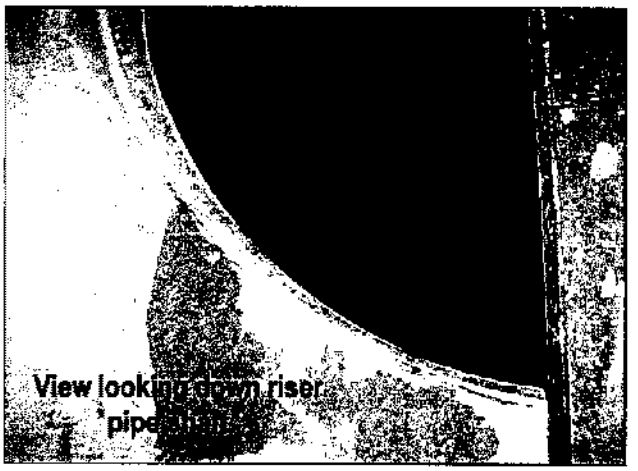

Fig. 6

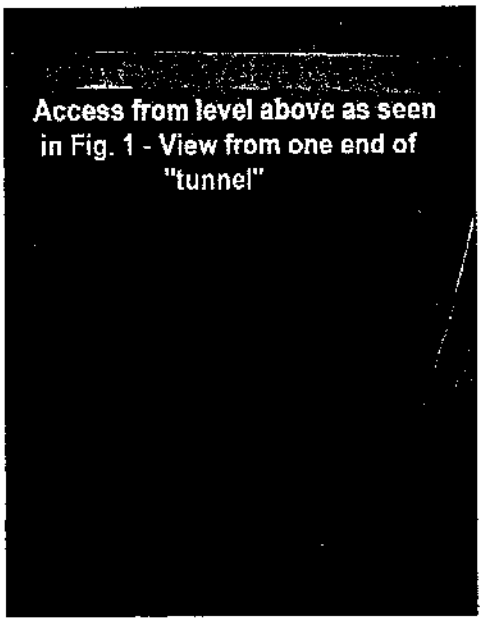

Fig. 7

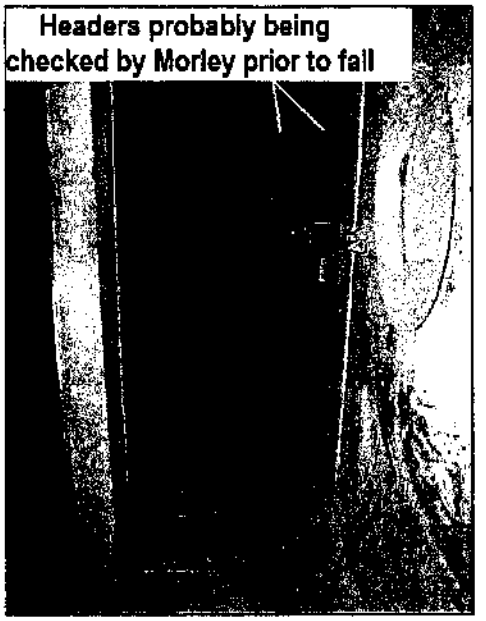

Fig. 8

Fig. 9

Fig. 10

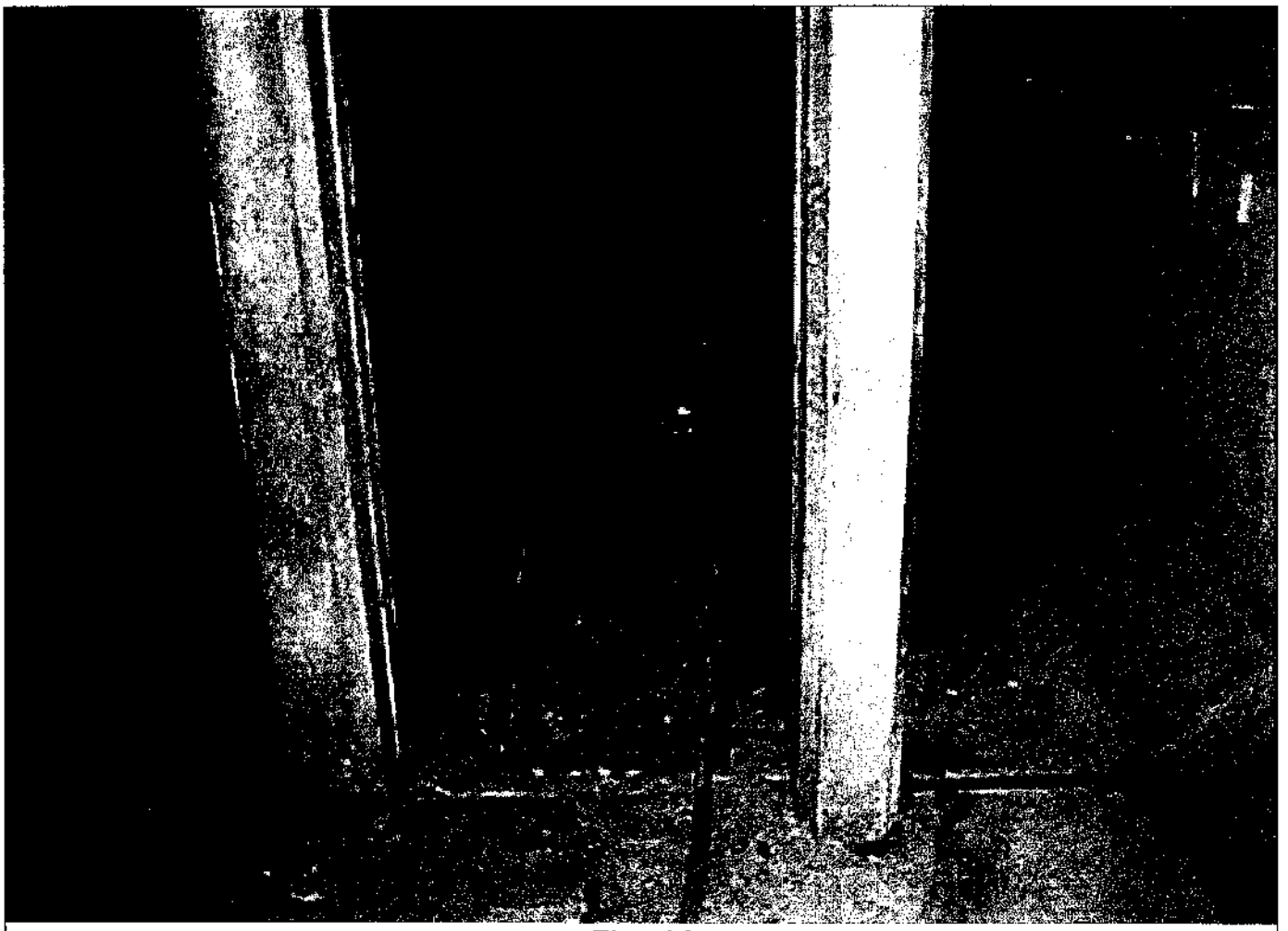

Fig. 11

Attachment G

Text of Cited Violations

112. Floors, Floor Openings, Passageways, and Stairs

A. Floors

Floors shall have even surfaces and afford secure footing. Slippery floors or stairs should be provided with antislip covering.

B. Passageways

Passageways, including stairways, shall be unobstructed and shall, where practical, provide at least 2.13 m (7 ft) head room. Where the preceding requirements are not practical, the obstructions should be painted, marked, or indicated by safety signs, and the area properly lighted.

NOTE: ANSI Z535.1-1998, ANSI Z535.2-1998, ANSI Z535.3-1998, ANSI Z535.4-1998, and ANSI Z535.5-1998 contain information regarding safety signs.

C. Railings

All floor openings without gratings or other adequate cover and raised platforms and walkways in excess of 300 mm (1 ft) in height shall be provided with railings. Openings in railings for units such as fixed ladders, cranes, and the like shall be provided with adequate guards such as grates, chains, or sliding pipe sections.

D. Stair Guards

All stairways consisting of four or more risers shall be provided with handrails.

NOTE: For additional information, see ANSI A1264.1-1995 [B5].

E. Top Rails

All top rails shall be kept unobstructed for a distance of 75 mm (3 in) in all directions except from below at supports.

113. Exits

A. Clear Exits

Each room or space and each working space about equipment shall have a means of exit, which shall be kept clear of all obstructions.

B. Double Exits

If the plan of the room or space and the character and arrangement of equipment are such that an accident would be likely to close or make inaccessible a single exit, a second exit shall be provided.

C. Exit Doors

Exit doors shall swing out and be equipped with panic bars, pressure plates, or other devices that are normally latched but open under simple pressure.

EXCEPTION: This rule does not apply to exit doors in buildings and rooms containing low-voltage, nonexplosive equipment, and to gates in fences for outdoor equipment installations.

114. Fire-Extinguishing Equipment

Fire-extinguishing equipment approved for the intended use shall be conveniently located and conspicuously marked.