

**From:** [PSC Public Comment](#)  
**To:** [REDACTED] [PSC Public Comment](#)  
**Subject:** RE: For PSC Case 2025-00186 informal meeting's short list of relevant topics  
**Date:** Monday, July 14, 2025 10:46:00 AM

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Case No. 2025-00186

Thank you for your comments on the application of Electronic Investigation of Nuclear Energy, Generation, Storage, and Related Matters. Your comments in the above-referenced matter have been received and will be placed into the case file for the Commission's consideration. Please cite the case number in this matter, 2025-00186 in any further correspondence. The documents in this case are available at [View Case Filings for: 2025-00186 \(ky.gov\)](#).

Thank you for your interest in this matter.

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**Subject:** FW: For PSC Case 2025-00186 informal meeting's short list of relevant topics

[REDACTED]

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Please refer to attached to be logged as public comment.

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**From:** [REDACTED]  
**Sent:** Friday, July 11, 2025 2:04 PM  
**To:** PSC Executive Director <[PSCED@ky.gov](mailto:PSCED@ky.gov)>  
**Subject:** For PSC Case 2025-00186 informal meeting's short list of relevant topics

Please find attached a submission of relevant topics for the upcoming informal meeting.

William Herrick  
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[REDACTED]

Sent with [Proton Mail](#) secure email.

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC INVESTIGATION OF NUCLEAR	)	CASE NO.
ENERGY, GENERATION, STORAGE, AND	)	2025-00186
RELATED MATTERS	)	

STATEMENT OF ISSUES

The Commission's order included language to open this proceeding to the state's power utilities and interested parties then convene an informal conference and subsequent public meetings to discuss pertinent issues involving the construction, operation, and funding of potential nuclear electric generating facilities.

In the Commission's June 16, 2025, Order in the instant case, the Commission requested "that interested parties file a short list of topics which the parties believe to be relevant and wish to address during the informal conference...on or before July 11, 2025."

Please find below a short list of relevant topics.

I am William Herrick, an individual. I do not intend to intervene, my standing here is based on the PSC's statement of need and interest in a meaningful public dialog. My education and experience will be valuable to the PSC.

When U<sup>235</sup> Gaseous Diffusion was first developed, that research was led by Nobel Laureate Harold Urey in 1942 on the campus of Columbia University. My parents were among his research assistants. They were civilians commended by the Secretary of War on August 6<sup>th</sup>, 1945 for their role in ending WW2. In 1971, I

was a 15 year old high school senior that ran of of science courses and spent a semester learning nuclear physics and the history of the Manhattan Project under the tutelage of Dr. Martin E. Fuller (PhD Physics, MIT, PhD Chemistry, MIT). I am a UK Commonwealth Fellow and, as a layman, I am familiar with the construction, execution and adjudication of law in the Commonwealth. My interest in the nuclear fuel cycle spans six decades.

The following list of topics are submitted as relevant items for discussion at the informal conference:

1. The Role of the Public Service Commission In Nuclear Facility Siting
2. Nuclear Resources in the Commonwealth
3. Risks, the Relative Safety Between NPP Designs, and the Cost of Failure
4. Additional Security Costs That Prevent Fuel Diversions and Proliferation
5. Who Pays to Repair Design Flaws
6. Insurance Costs, Limitations, and the Role of the Taxpayer
7. Base Load Reliability
8. Price Escalation After Permitting and Construction Work In Progress Issues
9. The Global Nuclear Energy Partnership (GNEP): Dollars Promised, Never Paid
10. Expensive Delays, Failures and Cancellations
11. Examination of the Environmental Costs
12. Costs and Siting of Spent Nuclear Fuel (SNF)
13. Realistic Costs For Disposal and Available SNF Management Options
14. Construction Time Frames and Meeting Electrical Demand in Time
15. Operating License Extension and Technology Trends over the Licensed Term
16. Cost Trends Near and Far
17. Base Load cost of NPPs vs Carbon-Neutral Alternatives
18. Observations on Recent Legislation That Involves the PSC

William Herrick

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Submitted 07/11/2025

Please contact me if you have any questions.

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