

**From:** [MacBryan Green](#)  
**To:** [Docket\\_Hearing; Paul Bollwerk](#)  
**Cc:** [Erwin Citizens Awareness; greeninterfaith@gmail.com](#)  
**Subject:** [External\_Sender] Proposed License Amendment Request, Nuclear Fuel Services, Docket No. 70-143; in compliance with Memorandum  
**Date:** Tuesday, January 24, 2023 9:30:40 PM

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Office of the Secretary  
Attn: Rulemakings and Adjudications Staff  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

Administrative Judge G. Paul Bollwerk, III  
Atomic Safety and Licensing Board Panel  
Mail Stop T-3A02  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

Subject: Proposed License Amendment Request, Nuclear Fuel Services, Docket No. 70-143; in compliance with Memorandum

Honorable ASLB Panel Chair and NRC Rulemaking & Adjudications Staff:

Thank you for your 23 January 2023 MEMORANDUM (Submission of 10 C.F.R. § 2.315(a) Limited Appearance Statements). I am submitting a limited appearance statement in order to make the Atomic Safety and Licensing Board aware of my concerns regarding any expansion of the facilities at NFS in Erwin Tennessee. It is my sincere belief that my statement represents the position of a great number of quieter citizens in Northeast Tennessee.

The town of Erwin, Tennessee has been important to me since childhood; my great grandfather and grandfather worked for the CC&O (later Clinchfield) Railroad based in Erwin, and lived with their dear wives within easy walking distance of the current Nuclear Fuel Services site. For over fifty years I have hiked the Appalachian Trail across the Nolichucky River as it exits its wilderness gorge just upstream of NFS, and I have fished, kayaked and swum in the Nolichucky above and below NFS. Most of the Nolichucky River is of such outstanding scenic value that it deserves to be a national park. I am certain that allowing NFS to produce greater quantities or concentrations of refined uranium will dramatically increase the (already unacceptable to me) risks to the Nolichucky River -- which **deserves greater protection, not greater endangerment**.

I was & am still horrified over the vile wicked corrupt Bumpass Cove SuperToxic WasteDump Scandal along the Nolichucky River perhaps six miles below NFS. <https://dc.etsu.edu/cgi/viewcontent.cgi?article=1848&context=etd> In my opinion, approval of the proposed NFS project almost ensures that the Bumpass Cove Scandal will *eventually seem* trivial in comparison to the catastrophe which NFS will *someday* produce; perhaps the trigger will be an 'act of God' such as severe flooding or sinkhole collapse; perhaps it will be a dirth of personnel to run the plant, secondary to a more ruthless pandemic than Covid-19; or collapse of grid & internet secondary to solar CME; or an attack out of the Nolichucky Gorge using the adjacent mainline railroad; or negligence and greed and corruption as for many years at Bumpass Cove -- which proved that these state & local governments will actually *cooperate* with illegal dumping. Nor is the reputation of NFS reassuring in that regard; by reputation NFS is not respected by the local people except for its higher wages; rumors circulate that a toxic-forever plutonium 'cesspool' has already been surreptitiously constructed deep in the river-bottom soil beneath the current NFS facility.

I am informed that Navy fuel (the product that NFS has historically produced) is 20% U-235, but that uranium for nuclear weapons is enriched to 96% U-235. I am informed that there are eight new accident scenarios associated with this process: Anhydrous Hydrogen Fluoride Release; Anhydrous Ammonia Release (both chemicals are new to NFS operations); Nuclear Criticality (nuclear chain reaction); Uranium Hexafluoride (UF6) Release; Uranium Solution Release; Natural phenomena; and Security Emergencies.

I despise the idea that technology for making nuclear-weapons material & 96% U-235 will be transferred **from a government facility to a private, for-profit corporation**.

I cannot imagine that you would consider allowing nuclear bomb components to be manufactured a short walk from the 2100 mile Appalachian Trail, Interstate 26, the scenic Nolichucky River, and the main line of the Clinchfield Railroad (CSX). The security risks seem outrageous. In addition, it would not take someone as agile as an elderly nun to cause great trouble/embarrassment in that location.

I urge you to allow as much public comment for as long a period of time as possible and to consider that any open opposition is less-than-the-tip-of-the-iceberg because of the fear of retribution locally.

I urge you to resist the demands of Fat Cat\$ and warlord\$ who are willing to sacrifice the Earth itself (to pollution & war) so that they may hold on to their excess privilege and vast 'storehouses' of unrighteous Mammon. It is past time to put an end to the idiocy, as emphasized by my favorite hymn,

Turn Back O Man, forswear thy foolish ways,

Old now is Earth and none may count her days,

Yet though her child, whose head is crowned with flame,

Still will not hear thine inner God proclaim,

**'Turn Back O Man, forswear thy foolish ways.'**

Put an end to this NFS proposal and to all the related idiocy.

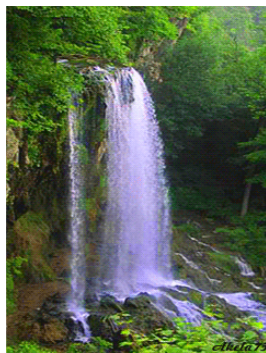
Sincerely,

/s/ MacBryan Green, MD



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*MacBryan Green, MD*



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