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DOCKETED  
USNRC

August 13, 2002 (11:30AM)

OFFICE OF SECRETARY  
RULEMAKINGS AND  
ADJUDICATIONS STAFF

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August 8, 2002

Richard A. Meserve, Chairman  
Nuclear Regulatory Commission  
One White Flint North Building  
11555 Rockville Pike, Suite 17D1  
Rockville, MD 20852

- Via Federal Express (Tracking No. 835836056138)  
and Facsimile Transmission (301-415-1757)

RE: Amendment of Special Nuclear Material License SNM-124-  
Nuclear Fuel Services - Erwin, Tennessee (Unicoi County)  
Docket # 70-143

Dear Mr. Meserve:

I represent the following residents of Northeast Tennessee who  
object to the Amendment of the above-referenced License.

Attached hereto are Declarations from:

1. Julia Beach
2. David Byrd
3. Tamara Davis Chapman
4. William Cooper
5. Brandon Davis
6. Julia B. Evans
7. Denne D. Evans
8. Toni L. Foreman
9. Linnea Gilmer
10. JoAnna Hammonds
11. Whitney Johnson
12. Gerald M. O'Connor, Jr.
13. James Smith
14. Drew Walsh
15. Peter H. Zars

August 8, 2002  
Page 2

In light of all of the allegations, the Declarants respectfully request the following:

- a. That the Amendment of SNM-124 (docket #70-143) be rescinded.
- b. That a Public Hearing be conducted.
- c. That a thorough Environmental Impact Statement be prepared detailing, among other things, the impact on downstream consumers of water from the Nolichucky River.

I would appreciate receiving a stamped filed copy of the enclosed response, and have included an additional copy and a self addressed envelope for that purpose.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,



C. Todd Chapman

CTC/tlf

Enclosures

cc: Nuclear Fuel Services  
1205 Banner Hill Road  
Erwin, TN 37650  
Facsimile (423) 743-9025

Executive Director of Operations  
Nuclear Regulatory Commission  
One Flint North  
11555 Rockville Pike  
Rockville, Maryland 20852

[Federal Register: July 9, 2002 (Volume 67, Number 131)]  
[Notices]  
[Page 45555-45559]  
From the Federal Register Online via GPO Access [wais.access.gpo.gov]  
[DOCID:fr09jy02-127]

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## NUCLEAR REGULATORY COMMISSION

[Docket No. 70-143]

Environmental Assessment and Finding of No Significant Impact of  
License Amendment for Nuclear Fuel Services, Inc.

AGENCY: Nuclear Regulatory Commission.

ACTION: Amendment of Nuclear Fuel Services, Inc., Materials License  
SNM-124 to authorize construction and operation of the Uranyl Nitrate  
Storage Building.

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The U.S. Nuclear Regulatory Commission is considering the amendment  
of Special Nuclear Material License SNM-124 to authorize construction  
and operation of the Uranyl Nitrate Storage Building at the Nuclear  
Fuel Services site in Erwin, Tennessee, and has prepared an  
Environmental Assessment in support of this action. The accession  
number for the Environmental Assessment is ML021790068.

### Summary of Environmental Assessment

#### Identification of the Proposed Action

The proposed action currently before the U.S. Nuclear Regulatory  
Commission (NRC) is to allow the licensee to construct and operate a  
Low-Enriched Uranyl Nitrate Storage Building (UNB) at the Nuclear Fuel  
Services, Inc. (NFS) site in Erwin, Tennessee, and to increase the  
<sup>235</sup>U possession limit. This action is part of the Blended  
Low-Enriched Uranium (BLEU) project described below. The other related  
future activities which were considered to contribute to the  
environmental impacts for this project are: construction and operation  
of an Oxide Conversion Building (OCB), construction and operation of a  
new Effluent Processing Building (EPB), and relocation of downblending  
operations within the NFS protected area in a BLEU Preparation Facility  
(BPF).

On March 4, 2002, NRC issued a notice of intent to prepare an  
environmental assessment (EA) for amendment of Special Nuclear Material  
(SNM) License No. SNM-124 for NFS. To avoid segmentation of the  
environmental review, NFS has submitted environmental documentation for  
three proposed license amendments, which will impact the site over the  
next few years.

The Environmental Assessment (EA) for these actions does not serve  
as authorization for any proposed activities, rather it assesses the  
environmental impacts of the actions. As each amendment application is  
submitted, the NRC staff will perform a separate safety evaluation,  
which will be the basis for the approval or denial of the application.  
As part of the safety evaluation, the NRC will perform an environmental  
review. If the review indicates that this EA appropriately and  
adequately assesses the environmental effects of the proposed action,  
then no further assessment will be performed. However, if the  
environmental review indicates that this EA does not evaluate fully the

environmental effects, another EA [or environmental impact statement (EIS)] will be prepared in accordance with the National Environmental Policy Act (NEPA).

#### Need for the Proposed Action

The Blended Low Enriched Uranium (BLEU) Project is part of a Department of Energy (DOE) program to reduce stockpiles of surplus high enriched uranium (HEU) through re-use or disposal as radioactive waste. Re-use as low enriched uranium (LEU) is considered the favorable option by the DOE because (1) weapons grade material is converted to a form unsuitable for nuclear weapons (addressing a proliferation concern), (2) the product can be used for peaceful purposes, and (3) the commercial value of the surplus material can be recovered. An additional benefit of re-use is avoidance of unnecessary use of limited radioactive waste disposal space. Framatome ANP Inc. has contracted

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with NFS to downblend surplus HEU material to a LEU nitrate and to convert the LEU to an oxide form. The NFS LEU oxide product is expected to be fabricated into commercial reactor fuel at a separate facility, for use in a Tennessee Valley Authority (TVA) nuclear power reactor; however, the NFS proposed action is limited to the production of LEU oxide, receipt and storage of LEU nitrate, down blending of HEU to LEU, and conversion of LEU nitrate to LEU oxide.

#### Environmental Impacts of the Proposed Action

For the proposed license amendments, construction and processing operations will result in the release of low levels of chemical and radioactive constituents to the environment. Under accident conditions, higher concentrations of materials could be released to the environment over a short period of time.

##### Normal Operations

Radiological impacts from the proposed BLEU Project operations include release of small quantities of radioactive material to the atmosphere and surface water. Radionuclides that may be released include isotopes and some daughter products of the actinide elements uranium, thorium, plutonium, americium, actinium, and lesser quantities of fission products including technetium, cesium, and strontium. Based on source material properties and processing information, NFS has estimated the quantities of airborne and liquid effluents and used this information to estimate doses to the maximally exposed individual. While some effluents for the proposed action are increasing in relation to current releases, the total annual dose estimate for the maximally exposed individual from all planned effluents is 0.022 mSv (2.2 mrem). This result is well below the annual public dose limit of 1 mSv (100 mrem) in 10 CFR Part 20 and the 0.1 mSv (10 mrem) ALARA constraint. The estimated dose for a number of radionuclides is conservative, because the analysis assumed no pollution controls were in place.

Solid wastes generated by BLEU Project operations will be packaged into drums or boxes. Each container will be assayed for uranium content to verify that storage, shipment, and disposal requirements are met.

The potential for increase in dose to workers at NFS due to the BLEU project was evaluated. Operation of the BPF, OCB and UNB is not expected to increase the dose to workers at the NFS facility, because the types and quantity of material, and the processing, will be similar to what is already licensed at the site. NFS is committed to keeping doses as low as reasonable achievable (ALARA) by maintaining a radiation protection program that minimizes radiation exposures and releases of radioactive material to the environment. In order to accomplish this, NFS has procedures for working with radioactive

materials and monitoring programs to determine the doses received by employees.

Impacts from non-radiological contaminants to air, surface water, and groundwater were also assessed. Air quality is protected by enforcing emission limits and maintenance requirements for pollution control equipment, as required by several operating permits issued by the Tennessee Air Pollution Control Board, Department of Environment and Conservation. The primary non-radiological emissions are expected to include nitrogen oxides, hydrogen and ammonia. Normal emissions of gaseous effluents from the new processes are not expected to have a significant impact on offsite non-radiological air quality, because the estimated concentrations at the nearest site boundary are below the State of Tennessee primary air quality standards, with the exception of nitrogen oxides. For nitrogen oxides, NFS will exceed the current allowable limit; however, NFS is requesting modification to the existing air pollution control permit for the main stack. Modification of the permit is required because of changes in material input from the BPF and installation of additional process and ventilation equipment. This modified permit for the main stack has not been issued as of this EA; however, NRC expects that the State, under its authority to regulate air quality, will continue to set permit levels to limit environmental impacts from NFS effluents.

The proposed BPF and BLEU Complex are expected to produce liquid effluents. BPF waste streams will be sent to the NFS wastewater treatment facility and discharged into the Nolichucky River in accordance with the National Pollutant Discharge Elimination System (NPDES) permit and NRC radiological effluent limits in 10 CFR part 20. This liquid effluent will consist of raffinate, condensate, scrubber waste solution, and sodium hydroxide. The basic and acidic waste streams will be treated using precipitation and ion exchange processes.

Surface water quality is expected to be protected from future site activities by enforcing release limits and monitoring programs, as required under the NPDES permit. No impact on NPDES permit limits is anticipated with respect to operations at the proposed BLEU Complex or downblending at the BPF. Surface water runoff from the proposed action will generally flow to the northwest across the proposed BLEU Complex. This runoff will drain to culverts at the northwest boundary of the NFS site, and then empty into Martin Creek. A storm water construction permit will be obtained from the Tennessee Department of Environment and Conservation prior to any construction activities that would disturb the land. Erosion and sediment control measures (e.g., straw bales and silt fences) will be employed to mitigate surface runoff into the drainage ditches and Martin Creek, thus reducing the impacts to surface water during the construction of the proposed BLEU Complex. Sluice gates will be installed at collection points within the proposed BLEU Complex for containment of any hazardous spills during the lifetime of BLEU operations.

Previous operation of the plant has resulted in localized chemical and radiological contamination of groundwater, including beneath the BPF. Groundwater monitoring conducted by NFS indicates that plumes of uranium, tetrachloroethylene, trichloroethylene, 1,2-dichloroethylene, and vinyl chloride, from past operations, could migrate offsite in the direction of the Nolichucky River. To address potential environmental impacts from this contamination, NFS has removed much of the source contamination through extensive remediation projects including excavation of contaminated areas in the North Site. In addition, NFS is decommissioning the Radiological Burial Ground and the North Site to remove more of the source of this contamination. NFS also is working with the Tennessee Department of Environment and Conservation and the U. S. Environmental Protection Agency to design remedial strategies and to investigate the off-site extent of existing plumes.

The addition of the BLEU Complex will expand the physical site of the Erwin plant. Current environmental monitoring stations do not

provide adequate coverage of the expanded site area. In addition, the current monitoring program lacks adequate coverage for groundwater in the vicinity of the proposed BLEU Complex. NFS plans to expand the existing environmental monitoring program to cover the BLEU Complex. Additional monitoring locations (e.g., air, vegetation, soil,

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groundwater) will be proposed in a forthcoming license amendment request for the BLEU Project. For groundwater monitoring, NFS has indicated a minimum of one upgradient and three downgradient wells will be installed in the vicinity of the proposed BLEU Complex. NRC review of the proposed environmental monitoring program to determine compliance with 10 CFR part 20 requirements provides assurance that an adequate program will be in place prior to making a decision on the license amendments.

For normal operations, the proposed action will not discharge any effluents to the groundwater; therefore, no adverse impacts to groundwater are expected. Accidental releases of contaminants to groundwater appear unlikely due to design and control measures implemented by NFS.

A field investigation was conducted on the proposed BLEU complex site to determine the absence or presence of rare, threatened, or endangered plants. The survey focused primarily on the twenty federally listed threatened and endangered plants, but the State of Tennessee listing of rare and endangered vascular plants was also used for this survey. The results of the survey were that none of the plants on the federal or state lists were found to be present on this site, and the proposed actions on this site are not likely to adversely affect state and federally listed rare, threatened, or endangered plant species.

Unicoi County, the area in which the NFS site is located, contains one Federally Endangered mussel species, Appalachian elktoe (*Alasmidonta raveneliana*) near the confluence of the Nolichucky River and South Indian Creek. Because this is upstream of the confluence of the Nolichucky River and Martin Creek and the NFS site, no impact is expected on this species. No other threatened or endangered species listed on the Federal or State Threatened or Endangered Species List for the Region of Interest are known to potentially reside on the NFS site.

No impacts are expected on land use, biotic resources, socioeconomic resources, or cultural resources.  
Accident Conditions

The conversion of HEU materials to low-enriched uranium dioxide at the BLEU Project will require the handling, processing, and storage of radioactive material and hazardous chemicals. An uncontrolled release of these materials from accidents could pose a risk to the environment as well as to workers and public health and safety.

The evaluation of potential accidents is carried out at a general level of detail in the EA to establish that the proposed processes, as described by NFS, will function safely with no significant adverse impacts to safety or the environment. A more detailed evaluation of the proposed processes will be carried out by the NFS in its integrated safety analysis, summaries of which will be submitted in the forthcoming BLEU Project license amendment requests.

The dissolution and downblending of HEU feed materials to low-enriched uranyl nitrate (UN) solution will be carried out in the BLEU Processing Facility. Remaining operations will be performed in the BLEU Complex area. This will include the storage of low-enriched UN solution in the UNB followed by further processing into uranium dioxide powder in the OCB, and treatment of the liquid effluent stream from the OCB in the EPB.

The primary chemicals used in the dissolution and downblending processes taking place in the BPF are: Nitric acid (70 percent

solution); hydrogen peroxide (30 percent solution); sodium hydroxide (30 percent solution); sodium nitrate (45 percent solution); barium oxide (BaO); tributyl phosphate [(C4H9)3PO4]; normal paraffin fluid (Nopar 12 fluid); sodium carbonate (Na2CO3). The radioactive feed materials used include HEU/aluminum alloy, HEU metal (buttons), and natural uranium oxide. Reaction products and intermediates include sodium diuranate and UN solutions.

The main chemicals to be used and stored in the BLEU Complex are: low-enriched UN solution, anhydrous ammonia, aqueous ammonia (23 percent solution), nitric acid (50 percent solution), nitric acid (7 percent solution), liquid nitrogen, sodium hydroxide (50 percent solution), liquified petroleum gas (propane), and diesel fuel.

Many of the proposed process operations are patterned after existing NRC licensed processes, so operational experience and history build confidence that operations can be executed safely. Proposed process operations, such as the downblending of high-enriched UN to low-enriched UN, liquid-liquid extraction to purify UN solution, and HEU storage are very similar to corresponding processes licensed under NRC License SNM-124. The LEU solution will be converted to uranium dioxide powder in the OCB using the Framatome ANP Inc. process that is authorized by NRC License SNM-1227. Potential hazards associated with new operations were evaluated during the NRC review.

Primary hazards associated with the operation of the BLEU Project facilities involve: spill of chemical and or radioactive material in the building, leak in a storage tank or supply piping, release of gaseous and particulate effluents (chemical and/or radioactive materials) due to a malfunction of the process off gas treatment system, and upset in the control of process parameters leading to undesirable reactions and release of hazardous or explosive compounds such as hydrogen, hydrogen peroxide, ammonia, nitrogen oxides, nitric acid vapors. The loss of control of the process may include release of radioactive materials and nuclear criticality. These accidents can potentially impact worker safety, public health and safety, and the environment.

Primary controls relied upon to guard against inadvertent nuclear criticality in processing operations include concentration limits and use of favorable geometry process vessels. Measures to ensure chemical safety and safe handling of radioactive materials include the following:

Tanks will be bermed for spill control and isolation

Tanks will be equipped with level control for overfill protection

Process off gases will be treated through scrubbers and HEPA filters prior to stack discharge

Process parameters will be controlled, and concentrations of hazardous or explosive chemicals will be maintained at safe levels. For example, sodium nitrate will be used in the HEU aluminum alloy dissolution process to minimize the formation of hydrogen, and air will be used in the dissolver to dilute the small quantities of hydrogen formed to safe levels

Based on the information furnished in the NFS reports and summarized above, the safety controls to be employed in the processes for the BLEU Project appear to be sufficient to ensure planned processing will be safe.

#### Cumulative Impacts

The Studsvick Facility is located adjacent to the NFS property, just south of the proposed BLEU complex. This facility is licensed by the state to process radioactive wastes. Due to the proximity of the two facilities, the staff evaluated cumulative radiological impacts from air effluents, liquid effluents, and direct radiation. The annual average of NFS effluent data from 1996 through 2000 and the most recent

effluent data (CY2000) from the operations at Studsvick adequately characterize the impacts from current

[[Page 45558]]

operations. Foreseeable future impacts of the BLEU Project (including BLEU Preparation facility, additional Waste Water Treatment Facility effluents and BLEU Complex effluents) were also considered.

Future impacts from air emissions from NFS operations are estimated using environmental monitoring data from 1996 through 2000. The air emissions estimate for Studsvick, Inc., is based on year 2000 data. To bound the impacts, the baseline dose from NFS operations and current estimates of doses attributable to Studsvick are added to the foreseeable future impacts of BLEU Project operations. Though it is not likely that the same individual is the maximally-exposed individual for each of the facilities, the sum of these doses are considered to bound future impacts.

As demonstrated in semi-annual effluent reports, current liquid releases from the NFS site are well within the regulatory limits listed in 10 CFR part 20. NFS has provided conservatively-derived estimates of future discharges from the BLEU Project which were estimated using NCRP 123. The dose from these effluents, which are dominated by contributions from the solvent extraction raffinate at the BLEU preparation facility, when added to existing effluents, remain within regulatory limits.

The staff evaluated cumulative impacts to the sewer system of combined NFS, BLEU Project and Studsvick by estimating bounding concentrations that would be present in individual streams. NFS estimated the discharge from the BLEU Complex to be 6,300 gallons per day. This daily discharge volume was used to convert estimated quantities of annual discharges from the BLEU Complex (in units of curies) in terms of liquid concentration. Concentration values for Studsvick were also obtained from a year 2000 inspection report.

The bounding contributions from either NFS baseline operations or future BLEU operations are used to compare against the 10 CFR part 20, appendix B sewer discharge limits. These impacts, along with the discharge fractions from Studsvick operations, are summed for comparison using the unity rule. The value of 0.059 is considerably less than 1, which indicates that sewer discharges will remain a low cumulative impact.

Direct radiation monitoring data are available for both Studsvick, Inc. and NFS operations. Both licensees and the State of Tennessee Department of Environment and Conservation monitor direct radiation. Because the direct radiation monitored at the fence line is a cumulative value (dose from both sites), the monitoring program ensures that this dose will not exceed regulatory limits. Both facilities have successfully demonstrated compliance in the past. Due to the nature of the materials in the BLEU complex, direct radiation is not expected to increase as a result of this project.

#### Agencies and Persons Consulted

The following agencies were consulted during the preparation of the EA:

Tennessee Historical Commission, Division of Archaeology  
U.S. Fish and Wildlife Service, and  
State of Tennessee, Department of Environment and Conservation, Division of Radiological Health.

#### Conclusion

The NRC has concluded that the proposed action to construct and operate the UNB at the NFS site will not result in significant impact



to human health or the environment.

#### Finding of No Significant Impact

The Commission has prepared an Environmental Assessment, as summarized above, related to the amendment of Special Nuclear Material License SNM-124. On the basis of the assessment, the Commission has concluded that environmental impacts associated with the proposed action would not be significant and do not warrant the preparation of an Environmental Impact Statement. Accordingly, it has been determined that a Finding of No Significant Impact is appropriate.

In accordance with 10 CFR 2.790 of the NRC's ``Rules of Practice,`` the Environmental Assessment and the documents related to this proposed action will be available electronically for public inspection from the Publicly Available Records (PARS) component of NRC's document system (ADAMS), accession number ML021790068. ADAMS is accessible from the NRC Web site at (the Public Electronic Reading Room).

#### Notice of Opportunity for Hearing

The NRC hereby provides notice of an opportunity for a hearing on the license amendment under the provisions of 10 CFR part 2, Subpart L, ``Informal Hearing Procedures for Adjudications in Materials and Operator Licensing Proceedings.`` Pursuant to Sec. 2.1205(a), any person whose interest may be affected by this proceeding may file a request for a hearing. In accordance with Sec. 2.1205(d), a request for hearing must be **filed** within 30 days of the publication of this notice in the Federal Register. The request for a hearing must be **filed** with the Office of the Secretary, either:

(1) By delivery to the Docketing and Service Branch of the Office of the Secretary at One White Flint North, 11555 Rockville Pike, Rockville, MD 20852; or

(2) By mail or telegram addressed to the Secretary, U.S. Nuclear Regulatory Commission, Washington, DC 20555, Attention: Docketing and Service Branch.

In accordance with 10 CFR 2.1205(f), each request for a hearing must also be served, by delivering it personally or by mail, to:

(1) The applicant, Nuclear Fuel Services, 1205 Banner Hill Road, Erwin Tennessee, 37650-9718; and

(2) The NRC staff, by delivery to the Executive Director for Operations, One White Flint North, 11555 Rockville Pike, Rockville, MD 20852, or by mail addressed to the Executive Director for Operations, U.S. Nuclear Regulatory Commission, Washington, DC 20555.

In addition to meeting other applicable requirements of 10 CFR Part 2 of the NRC's regulations, a request for a hearing **filed** by a person other than an applicant must describe in detail:

(1) The interest of the requestor in the proceeding;

(2) How that interest may be affected by the results of the proceeding, including the reasons why the requestor should be permitted a hearing, with particular reference to the factors set out in Sec. 2.1205(h);

(3) The requestor's areas of concern about the licensing activity that is the subject matter of the proceeding; and

(4) The circumstances establishing that the request for a hearing is timely in accordance with Sec. 2.1205(d).

The request must also set forth the specific aspect or aspects of the subject matter of the proceeding as to which petitioner wishes a hearing.

In addition, members of the public may provide comments on the subject application within 30 days of the publication of this notice in the Federal Register. The comments may be provided to Micheal Lesar, Chief, Rules Review and Directives Branch, Division of Administration

Services, Office of Administration, U.S. Nuclear Regulatory Commission,  
Washington DC 20555.

Dated at Rockville, Maryland, this 28th day of June, 2002.

[[Page 45559]]

For the U.S. Nuclear Regulatory Commission.  
Daniel M. Gillen,  
Chief, Fuel Cycle Facilities Branch, Division of Fuel Cycle Safety and  
Safeguards, Office of Nuclear Material Safety and Safeguards.  
[FR Doc. 02-17118 Filed 7-8-02; 8:45 am]  
BILLING CODE 7590-01-P

UNITED STATES OF AMERICA  
U.S. NUCLEAR REGULATORY COMMISSION  
BEFORE THE SECRETARY

In the matter of: )  
 )  
Nuclear Fuel Services, Inc. ) Docket No. 70-143  
(Materials License SNM-124) )

DECLARATION

Under penalty of perjury, I, Julia Beach, declare that:

1. My name is Julia Beach, and I live in Greene County, Tennessee. My address is 130 W Bernard Ave #2  
Greeneville, TN. Zip 37743.

2. I, as well as my family, consume municipal water which is derived from Nolichucky River. I have reviewed your Commission's document titled "Environmental Assessment and finding of No significant Impact of License Amendment for Nuclear Fuel Services, Inc." which appeared in the Federal Register on July 9, 2002

3. I have reviewed your Commission's document titled "Environmental Assessment and Finding of No Significant Impact of License Amendment for Nuclear Fuel Services, Inc." which appeared in the Federal Register on July 9, 2002 (copy attached hereto).

4. I find no mention in this Environmental Assessment relative to the effect on downstream sources of drinking water, downstream consumers of harvested fish (e.g. small mouth bass) or those who use downstream water for recreational activities such as swimming. I submit that the effect on all of these activities, especially drinking water, need to be closely evaluated.

5. I am quite concerned by the following statement:

"On the basis of the assessment, the Commission has concluded that environmental impacts associated with the proposed action would not be significant and do not warrant the preparation of an Environmental Impact Statement."

6. I submit that under 42 U.S.C. §4332 et. seq., it is clearly inappropriate to allow major federal action which will have a significant environmental impact to be approved without requiring an Environmental Impact Statement.

In light of all of the above, I hereby respectfully request the following:

- a. That the Amendment of SNM-124 (docket #70-143) be rescinded.
  - b. That a Public Hearing be conducted.
  - c. That a thorough Environmental Impact Statement be prepared detailing, among other things, the impact on downstream consumers of water from the Nolichucky River.
  - d. N/A
- 

If you have any questions or concerns or need any additional information, please do not hesitate to contact me.

DATE: Aug 7, 2002

Julia Beach  
SIGNATURE

UNITED STATES OF AMERICA  
U.S. NUCLEAR REGULATORY COMMISSION  
BEFORE THE SECRETARY

In the matter of:

Nuclear Fuel Services, Inc.  
(Materials License SNM-124)

)  
)  
) Docket No. 70-143  
)

DECLARATION

Under penalty of perjury, I, David Byrd, declare that:

1. My name is David Byrd, and I live in Union County, Tennessee. My address is 190 Ambrose Lane  
Erwin, TN. Zip 37650 phone 1-423-735-7869

2. I live downwind from N.F.S. I  
don't want to breath polluted air that is any  
worse than what it already is. I have a choice  
about cigarette smoke, but I would not have a chance to get away  
from this.

3. I have reviewed your Commission's document titled from this.  
"Environmental Assessment and Finding of No Significant Impact of  
License Amendment for Nuclear Fuel Services, Inc." which appeared in  
the Federal Register on July 9, 2002 (copy attached hereto).

4. I find no mention in this Environmental Assessment relative  
to the effect on downstream sources of drinking water, downstream  
consumers of harvested fish (e.g. small mouth bass) or those who use  
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- a. That the Amendment of SNM-124 (docket #70-143) be rescinded.
- b. That a Public Hearing be conducted.
- c. That a thorough Environmental Impact Statement be prepared detailing, among other things, the impact on downstream consumers of water from the Nolichucky River.

d. *I live near N.F.S. I am concerned about air, and water pollution. I have cancer possibly caused by earlier air pollution from this plant.*

If you have any questions or concerns or need any additional information, please do not hesitate to contact me.

DATE: *Aug 8 2002*

*David A Byrd*  
SIGNATURE

**UNITED STATES OF AMERICA  
U.S. NUCLEAR REGULATORY COMMISSION  
BEFORE THE SECRETARY**

In the matter of:	)	
	)	
Nuclear Fuel Services, Inc.	)	Docket No. 70-143
(Materials License SNM-124)	)	

DECLARATION

Under penalty of perjury, I, Tamara Davis Chapman, declare that:

A. My name is Tamara Davis Chapman, and I live in Greene County, Tennessee. Greene County is contiguous to Unicoi County and is bisected by the Nolichucky River. Unfortunately, Greene County is downstream on the Nolichucky from Nuclear Fuel Services.

B. I, as well as my family, consume "municipal" water which is derived from the Nolichucky River (see attached). I have reviewed your Commission's document titled "Environmental Assessment and Finding of No Significant Impact of License Amendment for Nuclear Fuel Services, Inc." which appeared in the Federal Register on July 9, 2002 (copy attached hereto).

C. I find no mention in this Environmental Assessment relative to the effect on downstream sources of drinking water, downstream consumers of harvested fish (e.g. small mouth bass) or those who use downstream water for recreational activities such as swimming. I submit that the effect on all of these activities, especially drinking water, need to be closely evaluated.

I am quite concerned by the following statement:

"On the basis of the assessment, the Commission has concluded that environmental impacts associated with the proposed action would not be significant and do not warrant the preparation of an Environmental Impact Statement."

I submit that under 42 U.S.C. §4332 et. seq., it is clearly inappropriate to allow major federal action which will have a significant environmental impact to be approved without requiring an Environmental Impact Statement.

In light of all of the above, I hereby respectfully request the following:

1. That the Amendment of SNM-124 (docket #70-143) be rescinded.
2. That a Public Hearing be conducted.
3. That a thorough Environmental Impact Statement be prepared detailing, among other things, the impact on downstream consumers of water from the Nolichucky River.

If you have any questions or concerns or need any additional information, please do not hesitate to contact me.

DATE:

7 Aug 2002

  
TAMARA DAVIS CHAPMAN



# GLEN HILLS UTILITY DISTRICT'S water quality report-1999

## Is my drinking water safe?

Yes, we are proud to report that your water met or exceeded all State and Federal Standards for drinking water during 1999. This report shows our water quality and what it means.

## What is the source of my water?

Your water comes from the Nolichucky River. The Nolichucky is a surface stream which originates in North Carolina. The drainage area above the Greeneville intake is approximately 1,000 square miles. The Nolichucky River has served as our source of water since 1937. Therefore a great deal of experience has been gained handling the widely ranging flows and seasonal water quality changes.

## Why are there contaminants in my water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

**For more information about your drinking water, please call us at 423-639-8622.**

## How can I get involved?

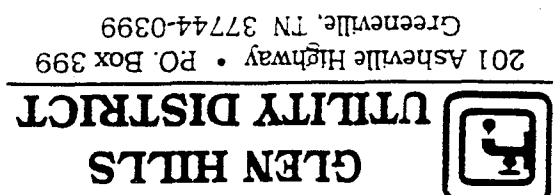
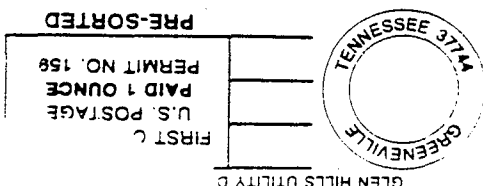
The Glen Hills Utility District Board of Commissioners meets the fourth Monday of every month at 9:00 a.m. at the Glen Hills Utility District office at 201 Asheville Highway, Greeneville, Tennessee.

## Is our water system meeting other rules that govern our operations?

The State and EPA require us to test and report on our water on a regular basis to ensure its safety. We have always met all these requirements. We want you to know that we follow all drinking water regulations carefully in order to provide you with clean, safe drinking water.

## Do I need to take Special Precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about their personal sanitation, food preparation, handling infants and pets, and drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbiological contaminants are available on the Safe Drinking Water Hotline (800-426-4791).



# Water Quality Data

## What does this chart mean?

- **MCLG:** Maximum Contaminant Level Goal, or the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
- **MCL:** Maximum Contaminant Level, or the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
- Discretionary language regarding the use of averages to report levels of some contaminants.

Substance	MCLG	MCL	Level found	Range of detections	Date	Sources of Contaminant
<b>Regulated at Customer's Tap</b>						
90 <sup>th</sup> percentile						
Lead (ppb) *	0	AL=15	3	1 - 6	1999	Corrosion of household plumbing systems; Erosion of natural deposits
Copper (ppb) *	1300	1300	101	1 - 295	1999	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives

\* None of the 30 sites sampled exceeded the action level.

## Regulated in the Distribution System

Total trihalomethanes (TTHMs) (ppb)	0	100	48	16 - 48	1999	By-product of drinking water chlorination
Total Coliform	0	<5%	0	0	1999	Naturally present in the environment
Gross Alpha (pCi/L)	0	15	<1.3		1999	Erosion of natural deposits

## Regulated at Treatment Plant

Lowest % samples Meeting limits							
Turbidity	NA	TT	.25	.05 - .26	100%	1999	Soil runoff

## Inorganics

Cadmium (ppb)	5	5	4		1996	Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; runoff from waste batteries and paints
Sulfate (ppm)	NA	250	6		1996	Erosion from natural deposits
Fluoride (ppm)	0.9 - 1.3	4	1.5	0.7 - 1.5	1999	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Sodium (ppm)	NA	NA	3.4		1999	
Antimony (ppb)	6	6	<5		1996	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder

**Turbidity:** Turbidity does not present any risk to your health. We monitor turbidity, which is a measure of the cloudiness of water, because it is a good indicator that our filtration system is functioning properly.

**Abbreviations:** □ **ppb:** parts per billion or micrograms per liter □ **ppm:** parts per million or milligrams per liter □ **NA:** not applicable □ **ntu:** Nephelometric Turbidity Unit, used to measure cloudiness in drinking water □ **MFL:** million fibers per liter, used to measure asbestos concentration. □ **pCi/L:** picocuries per liter (a measure of radioactivity) **AL:** Action Level, or the concentration of a contaminant which, when exceeded, triggers treatment or other requirements which a water system must follow. □ **TT:** Treatment Technique, or a required process intended to reduce the level of a contaminant in drinking water.

**As you see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements.** We have learned through our monitoring and testing that some substances have been detected. The EPA has determined that your water IS SAFE at these levels. MCL's are set at very stringent levels. To understand the possible health effects described for many regulated substances, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

UNITED STATES OF AMERICA  
U.S. NUCLEAR REGULATORY COMMISSION  
BEFORE THE SECRETARY

In the matter of:

Nuclear Fuel Services, Inc.  
(Materials License SNM-124)

)  
)  
) Docket No. 70-143  
)

DECLARATION

Under penalty of perjury, I, William Cooper, declare that:

1. My name is William Cooper, and I live in Union County,  
Tennessee. My address is 102 Valley View Dr.  
Erwin, TN. Zip 37650.

2. I live very near this Nuclear Fuel Company

3. I have reviewed your Commission's document titled  
"Environmental Assessment and Finding of No Significant Impact of  
License Amendment for Nuclear Fuel Services, Inc." which appeared in  
the Federal Register on July 9, 2002 (copy attached hereto).

4. I find no mention in this Environmental Assessment relative  
to the effect on downstream sources of drinking water, downstream  
consumers of harvested fish (e.g. small mouth bass) or those who use  
downstream water for recreational activities such as swimming. I  
submit that the effect on all of these activities, especially drinking  
water, need to be closely evaluated.

5. I am quite concerned by the following statement:

"On the basis of the assessment, the Commission has concluded that environmental impacts associated with the proposed action would not be significant and do not warrant the preparation of an Environmental Impact Statement."

6. I submit that under 42 U.S.C. §4332 et. seq., it is clearly inappropriate to allow major federal action which will have a significant environmental impact to be approved without requiring an Environmental Impact Statement.

In light of all of the above, I hereby respectfully request the following:

- a. That the Amendment of SNM-124 (docket #70-143) be rescinded.
  - b. That a Public Hearing be conducted.
  - c. That a thorough Environmental Impact Statement be prepared detailing, among other things, the impact on downstream consumers of water from the Nolichucky River.
  - d. \_\_\_\_\_
- 

If you have any questions or concerns or need any additional information, please do not hesitate to contact me.

DATE: 8-7-02

William Cooper  
SIGNATURE

U.S. NUCLEAR REGULATORY COMMISSION  
BEFORE THE SECRETARY

In the matter of:

Nuclear Fuel Services, Inc.  
(Materials License SNM-124)

)  
)  
) Docket No. 70-143  
)

DECLARATION

Under penalty of perjury, I, Brandon Davis, declare that:

1. My name is Brandon Davis, and I live in Washington County, Tennessee. My address is \_\_\_\_\_

Johnson City TN. Zip \_\_\_\_\_.

2. General welfare and health concerns for the present and future residents of the surrounding and possibly affected residents. I use the Nolichucky river for year-round kayaking, fishing and backpacking recreation. I don't want any more dollars spent on the health and safety of the area.

3. I have reviewed your Commission's document titled "Environmental Assessment and Finding of No Significant Impact of License Amendment for Nuclear Fuel Services, Inc." which appeared in the Federal Register on July 9, 2002 (copy attached hereto).

4. I find no mention in this Environmental Assessment relative to the effect on downstream sources of drinking water, downstream consumers of harvested fish (e.g. small mouth bass) or those who use downstream water for recreational activities such as swimming. I submit that the effect on all of these activities, especially drinking water, need to be closely evaluated.

5. I am quite concerned by the following statement:

On the basis of the assessment, the Commission has concluded that environmental impacts associated with the proposed action would not be significant and do not warrant the preparation of an Environmental Impact Statement."

6. I submit that under 42 U.S.C. §4332 et. seq., it is clearly inappropriate to allow major federal action which will have a significant environmental impact to be approved without requiring an Environmental Impact Statement.

In light of all of the above, I hereby respectfully request the following:

1. That the Amendment of SNM-124 (docket #70-143) be rescinded.
2. That a Public Hearing be conducted.
3. That a thorough Environmental Impact Statement be prepared detailing, among other things, the impact on downstream consumers of water from the Nolichucky River.

4. That information be released within free of charge  
public media (ie TV, Radio, Newspaper) as to the short and long term effects  
that nuclear facilities have had on, in and above these areas

If you have any questions or concerns or need any additional information, please do not hesitate to contact me.

DATE: 8/08

  
SIGNATURE

In the matter of: )  
 )  
Nuclear Fuel Services, Inc. ) Docket No. 70-143  
(Materials License SNM-124) )

4. I find no mention in this Environmental Assessment relative to the effect on downstream sources of drinking water, downstream consumers of harvested fish (e.g. small mouth bass) or those who use downstream water for recreational activities such as swimming. I submit that the effect on all of these activities, especially drinking water, need to be closely evaluated.

5. I am quite concerned by the following statement:

"On the basis of the assessment, the Commission has concluded that environmental impacts associated with the proposed action would not be significant and do not warrant the preparation of an Environmental Impact Statement."

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  - b. That a Public Hearing be conducted.
  - c. That a thorough Environmental Impact Statement be prepared detailing, among other things, the impact on downstream consumers of water from the Nolichucky River.
  - d. \_\_\_\_\_
- 

If you have any questions or concerns or need any additional information, please do not hesitate to contact me.

DATE: 8-7-02

Julia B. Evans  
SIGNATURE



UNITED STATES OF AMERICA  
U.S. NUCLEAR REGULATORY COMMISSION  
BEFORE THE SECRETARY

In the matter of: )  
 )  
Nuclear Fuel Services, Inc. ) Docket No. 70-143  
(Materials License SNM-124) )

DECLARATION

Under penalty of perjury, I, Denne D. Evans, declare that:

1. My name is Denne D. Evans, and I live in Greene County, Tennessee. My address is 1705 Brentwood Dr.  
Greeneville, TN. Zip 37743.

2. The water we drink and use for cooking, bathing,  
and other household uses comes from the Nolichucky  
River.

3. I have reviewed your Commission's document titled  
"Environmental Assessment and Finding of No Significant Impact of  
License Amendment for Nuclear Fuel Services, Inc." which appeared in  
the Federal Register on July 9, 2002 (copy attached hereto).

4. I find no mention in this Environmental Assessment relative  
to the effect on downstream sources of drinking water, downstream  
consumers of harvested fish (e.g. small mouth bass) or those who use  
downstream water for recreational activities such as swimming. I  
submit that the effect on all of these activities, especially drinking  
water, need to be closely evaluated.

5. I am quite concerned by the following statement:

"On the basis of the assessment, the Commission has concluded that environmental impacts associated with the proposed action would not be significant and do not warrant the preparation of an Environmental Impact Statement."

6. I submit that under 42 U.S.C. §4332 et. seq., it is clearly inappropriate to allow major federal action which will have a significant environmental impact to be approved without requiring an Environmental Impact Statement.

In light of all of the above, I hereby respectfully request the following:

- a. That the Amendment of SNM-124 (docket #70-143) be rescinded.
  - b. That a Public Hearing be conducted.
  - c. That a thorough Environmental Impact Statement be prepared detailing, among other things, the impact on downstream consumers of water from the Nolichucky River.
  - d. \_\_\_\_\_
- 

If you have any questions or concerns or need any additional information, please do not hesitate to contact me.

DATE: 8.7.02

Denise Thomas  
SIGNATURE

**UNITED STATES OF AMERICA  
U.S. NUCLEAR REGULATORY COMMISSION  
BEFORE THE SECRETARY**

In the matter of:	)	
	)	
Nuclear Fuel Services, Inc.	)	Docket No. 70-143
(Materials License SNM-124)	)	

DECLARATION

Under penalty of perjury, I, Toni L. Foreman, declare that:

1. My name is Toni L. Foreman, and I live in Greene County, Tennessee. My address is Post Office Box 1786, Greeneville, Tennessee 37744.

2. I, as well as my family, consume "municipal" water which is derived from the Nolichucky River.

3. I have reviewed your Commission's document titled "Environmental Assessment and Finding of No Significant Impact of License Amendment for Nuclear Fuel Services, Inc." which appeared in the Federal Register on July 9, 2002.

4. I find no mention in this Environmental Assessment relative to the effect on downstream sources of drinking water, downstream consumers of harvested fish (e.g. small mouth bass) or those who use downstream water for recreational activities such as swimming. I submit that the effect on all of these activities, especially drinking water, need to be closely evaluated.

5. I am quite concerned by the following statement:

"On the basis of the assessment, the Commission has concluded that environmental impacts associated with the proposed action would

not be significant and do not warrant the preparation of an Environmental Impact Statement."

I submit that under 42 U.S.C. §4332 et. seq., it is clearly inappropriate to allow major federal action which will have a significant environmental impact to be approved without requiring an Environmental Impact Statement.

In light of all of the above, I hereby respectfully request the following:

- a. That the Amendment of SNM-124 (docket #70-143) be rescinded.
- b. That a Public Hearing be conducted.
- c. That a thorough Environmental Impact Statement be prepared detailing, among other things, the impact on downstream consumers of water from the Nolichucky River.

If you have any questions or concerns or need any additional information, please do not hesitate to contact me.

DATE: 8-8-02

Toni L. Foreman  
Toni L. Foreman

U.S. NUCLEAR REGULATORY COMMISSION  
BEFORE THE SECRETARY

In the matter of:

Nuclear Fuel Services, Inc.  
(Materials License SNM-124))  
)  
) Docket No. 70-143  
)DECLARATIONUnder penalty of perjury, I, Linnea Gilmer, declare that:

1. My name is Linnea Gilmer, and I live in WASHINGTON County, Tennessee. My address is 2004 Northwood Dr.

Johnson City, TN. Zip 37601.

2. I use the Nolichucky River area for a variety of recreational activities, including hiking, swimming & Kayaking. I have serious concerns regarding short- & long term effects on water sources

3. I have reviewed your Commission's document titled "Environmental Assessment and Finding of No Significant Impact of License Amendment for Nuclear Fuel Services, Inc." which appeared in the Federal Register on July 9, 2002 (copy attached hereto).

4. I find no mention in this Environmental Assessment relative to the effect on downstream sources of drinking water, downstream consumers of harvested fish (e.g. small mouth bass) or those who use downstream water for recreational activities such as swimming. I submit that the effect on all of these activities, especially drinking water, need to be closely evaluated.

5. I am quite concerned by the following statement:

"On the basis of the assessment, the Commission has concluded that environmental impacts associated with the proposed action would not be significant and do not warrant the preparation of an Environmental Impact Statement."

6. I submit that under 42 U.S.C. §4332 et. seq., it is clearly inappropriate to allow major federal action which will have a significant environmental impact to be approved without requiring an Environmental Impact Statement.

In light of all of the above, I hereby respectfully request the following:

1. That the Amendment of SNM-124 (docket #70-143) be rescinded.
2. That a Public Hearing be conducted.
3. That a thorough Environmental Impact Statement be prepared detailing, among other things, the impact on downstream consumers of water from the Nolichucky River.

4. Impact report should explain  
short-term & long-term impacts.

---

If you have any questions or concerns or need any additional information, please do not hesitate to contact me.

DATE: 8/8/02

Lynna Gilmer  
SIGNATURE

U.S. NUCLEAR REGULATORY COMMISSION  
BEFORE THE SECRETARY

In the matter of:

Nuclear Fuel Services, Inc.  
(Materials License SNM-124)

)  
)  
) Docket No. 70-143  
)

DECLARATION

Under penalty of perjury, I, JoAnna Hammond declare that:

1. My name is JoAnna Hammond and I live in WA County, Tennessee. My address is 242 Harwood R. 8  
Gray, TN. Zip 37615

2. I swim in the Nolichucky

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3. I have reviewed your Commission's document titled "Environmental Assessment and Finding of No Significant Impact of License Amendment for Nuclear Fuel Services, Inc." which appeared in the Federal Register on July 9, 2002 (copy attached hereto).

4. I find no mention in this Environmental Assessment relative to the effect on downstream sources of drinking water, downstream consumers of harvested fish (e.g. small mouth bass) or those who use downstream water for recreational activities such as swimming. I submit that the effect on all of these activities, especially drinking water, need to be closely evaluated.

5. I am quite concerned by the following statement:

"On the basis of the assessment, the Commission has concluded that environmental impacts associated with the proposed action would not be significant and do not warrant the preparation of an Environmental Impact Statement."

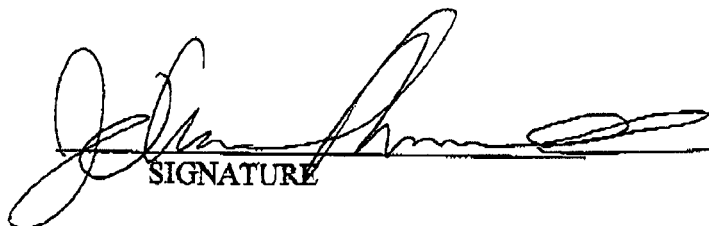
6. I submit that under 42 U.S.C. §4332 et. seq., it is clearly inappropriate to allow major federal action which will have a significant environmental impact to be approved without requiring an Environmental Impact Statement.

In light of all of the above, I hereby respectfully request the following:

1. That the Amendment of SNM-124 (docket #70-143) be rescinded.
  2. That a Public Hearing be conducted.
  3. That a thorough Environmental Impact Statement be prepared detailing, among other things, the impact on downstream consumers of water from the Nolichucky River.
  4. \_\_\_\_\_
- 
- 

If you have any questions or concerns or need any additional information, please do not hesitate to contact me.

DATE: 8-8-02

  
SIGNATURE



U.S. NUCLEAR REGULATORY COMMISSION  
BEFORE THE SECRETARY

In the matter of:

Nuclear Fuel Services, Inc.  
(Materials License SNM-124))  
)  
) Docket No. 70-143  
)DECLARATIONUnder penalty of perjury, I, Whitney Johnson, declare that:

1. My name is Whitney Johnson, and I live in Washington County, Tennessee. My address is P.O. Box 8845  
Gray, TN. Zip 37615

2. I swim in the Nolichucky River and am concerned about the proximity of the plant to me and the citizens of Northeast Tennessee.

3. I have reviewed your Commission's document titled "Environmental Assessment and Finding of No Significant Impact of License Amendment for Nuclear Fuel Services, Inc." which appeared in the Federal Register on July 9, 2002 (copy attached hereto).

4. I find no mention in this Environmental Assessment relative to the effect on downstream sources of drinking water, downstream consumers of harvested fish (e.g. small mouth bass) or those who use downstream water for recreational activities such as swimming. I submit that the effect on all of these activities, especially drinking water, need to be closely evaluated.

5. I am quite concerned by the following statement:

"On the basis of the assessment, the Commission has concluded that environmental impacts associated with the proposed action would not be significant and do not warrant the preparation of an Environmental Impact Statement."

6. I submit that under 42 U.S.C. §4532 et. seq., it is clearly inappropriate to allow major federal action which will have a significant environmental impact to be approved without requiring an Environmental Impact Statement.

In light of all of the above, I hereby respectfully request the following:

1. That the Amendment of SNM-124 (docket #70-143) be rescinded.
2. That a Public Hearing be conducted.
3. That a thorough Environmental Impact Statement be prepared detailing, among other things, the impact on downstream consumers of water from the Nolichucky River.

4. That there be a report on current contamination  
levels of the land, water, and the people available for the citizens  
of the area.

If you have any questions or concerns or need any additional information, please do not hesitate to contact me.

DATE: 8-8-02

Whitney Johnson  
SIGNATURE

in the matter of: }  
 }  
Nuclear Fuels Services, Inc. } Docket No. 70-143  
(Materials License SNM-124) }

“On the basis of the assessment, the Commission has concluded that environmental impacts associated with the proposed action would no be significant and do not warrant the preparation of an Environmental Impact Statement.”

6. I submit that under 42 U.S.C. §4332 et. seq., it is clearly inappropriate to allow major federal actions which will have a significant environment impact to be approved without requiring an Environmental Impact Statement.
7. I submit Nuclear Fuels Services is in violation of Safe Drinking Water Act (42 U.S. C. § 300j-8) ref. EPA report dated May 30, 2002 copied to USNRC Region II, Atlanta, EAP Region IV, Atlanta and NRC Fuel Cycle Licensing Branch, Washington D.C.

In light of all of the above, I hereby respectfully request the following:

- a. That the Amendment of SNM-124 (docket #70-143) be rescinded.
8. That a Public Hearing be conducted.
9. That a thorough Environmental Impact Statement be prepared detailing, among other things, the impact on neighboring properties and downstream consumers of water from the Nolichucky River.

If you have any questions or concerns or need any additional information, please do not hesitate to contact me.

August 8, 2002



Signature

UNITED STATES OF AMERICA  
U.S. NUCLEAR REGULATORY COMMISSION  
BEFORE THE SECRETARY

In the matter of:

Nuclear Fuel Services, Inc.  
(Materials License SNM-124)

)  
)  
) Docket No. 70-143  
)

DECLARATION

Under penalty of perjury, I, James Smith, declare that:

1. My name is James Smith and I live in Unicoi County, Tennessee. My address is 175 Garland Rd.  
Unicoi, TN. Zip 37692

2. My two children attend school very near  
NFS. I am concerned that safety procedures  
in case of major mishap might not be sufficient.  
Could NFS liaison w/ school system be improved, evacuation  
plans, etc. be reviewed and

3. I have reviewed your Commission's document titled reviewed and  
"Environmental Assessment and Finding of No Significant Impact of /or improved?  
License Amendment for Nuclear Fuel Services, Inc." which appeared in  
the Federal Register on July 9, 2002 (copy attached hereto).

4. I find no mention in this Environmental Assessment relative  
to the effect on downstream sources of drinking water, downstream  
consumers of harvested fish (o.g. small mouth bass) or those who use  
downstream water for recreational activities such as swimming. I  
submit that the effect on all of these activities, especially drinking  
water, need to be closely evaluated.

5. I am quite concerned by the following statement:

"On the basis of the assessment, the Commission has concluded that environmental impacts associated with the proposed action would not be significant and do not warrant the preparation of an Environmental Impact Statement."

6. I submit that under 42 U.S.C. §4332 et. seq., it is clearly inappropriate to allow major federal action which will have a significant environmental impact to be approved without requiring an Environmental Impact Statement.

In light of all of the above, I hereby respectfully request the following:

- a. That the Amendment of SNM-124 (docket #70-143) be rescinded.
- b. That a Public Hearing be conducted.
- c. That a thorough Environmental Impact Statement be prepared detailing, among other things, the impact on downstream consumers of water from the Nolichucky River.

d. Safety procedures in regard to nearby schoolchildren be reviewed and/or be improved.

If you have any questions or concerns or need any additional information, please do not hesitate to contact me.

DATE: 8 Aug. 2002

James W. Smith  
SIGNATURE

U.S. NUCLEAR REGULATORY COMMISSION  
BEFORE THE SECRETARY

In the matter of: )

Nuclear Fuel Services, Inc. )  
(Materials License SNM-124) )

Docket No. 70-143

DECLARATION

Under penalty of perjury, I, Orew Walsh, declare that:

1. My name is Orew Walsh, and I live in Washington County, Tennessee. My address is 100 Surrey LN

Johnson city, TN. Zip 37604

2. I kayak in the Nolichucky river.

3. I have reviewed your Commission's document titled "Environmental Assessment and Finding of No Significant Impact of License Amendment for Nuclear Fuel Services, Inc." which appeared in the Federal Register on July 9, 2002 (copy attached hereto).

4. I find no mention in this Environmental Assessment relative to the effect on downstream sources of drinking water, downstream consumers of harvested fish (e.g. small mouth bass) or those who use downstream water for recreational activities such as swimming. I submit that the effect on all of these activities, especially drinking water, need to be closely evaluated.

5. I am quite concerned by the following statement:

"On the basis of the assessment, the Commission has concluded that environmental impacts associated with the proposed action would not be significant and do not warrant the preparation of an Environmental Impact Statement."

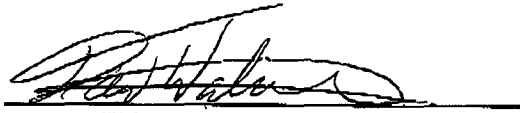
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In light of all of the above, I hereby respectfully request the following:

1. That the Amendment of SNM-124 (docket #70-143) be rescinded.
  2. That a Public Hearing be conducted.
  3. That a thorough Environmental Impact Statement be prepared detailing, among other things, the impact on downstream consumers of water from the Nolichucky River.
  4. \_\_\_\_\_
- 
- 

If you have any questions or concerns or need any additional information, please do not hesitate to contact me.

DATE: 8-8-02

  
SIGNATURE



UNITED STATES OF AMERICA  
U.S. NUCLEAR REGULATORY COMMISSION  
BEFORE THE SECRETARY

In the matter of: )

Nuclear Fuel Services, Inc. )  
(Materials License SNM-124) )

Docket No. 70-143

DECLARATION

Under penalty of perjury, I, Pete H. Zars, declare that:

1. My name is P. H. ZARS, and I live in UNICOI County, Tennessee. My address is 887 LOVE STREET  
ERWIN, TN. zip 37650-1768

2. I LIVE AT THE ABOVE ADDRESS AND AM VERY  
CONCERNED ABOUT OTHER NUCLEAR ACCIDENT AT NPS, HAVING  
STUDIED THE 50 PAGE LOSS OF CONTAINMENT, A CHEMICAL  
WIND EXPLOSION AND A BURNING ROOF DUE TO LARGE GASES.

3. I have reviewed your Commission's document titled \*  
"Environmental Assessment and Finding of No Significant Impact of  
License Amendment for Nuclear Fuel Services, Inc." which appeared in  
the Federal Register on July 9, 2002 (copy attached hereto).

4. I find no mention in this Environmental Assessment relative  
to the effect on downstream sources of drinking water, downstream  
consumers of harvested fish (e.g. small mouth bass) or those who use  
downstream water for recreational activities such as swimming. I  
submit that the effect on all of these activities, especially drinking  
water, need to be closely evaluated. / \*ML022110473)

5. I am quite concerned by the following statement:

"On the basis of the assessment, the Commission has concluded that environmental impacts associated with the proposed action would not be significant and do not warrant the preparation of an Environmental Impact Statement."

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In light of all of the above, I hereby respectfully request the following:

- a. That the Amendment of SNM-124 (docket #70-143) be rescinded.
- b. That a Public Hearing be conducted.
- c. That a thorough Environmental Impact statement be prepared detailing, among other things, the impact on downstream consumers of water from the Nolichucky River, AS WELL
- d. AS ON THE DOWNWIND AIR QUALITY, ESPECIALLY  
SIGNIFICANT TRACES OF RADIOACTIVE ISOTOPES & OTHER POISONS.

If you have any questions or concerns or need any additional information, please do not hesitate to contact me.

DATE: 7 AUGUST, 02

Pete H. Zars  
SIGNATURE