



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

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February 2, 1979

Robert M. Lazo, Esq., Chairman  
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U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

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U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

In the Matter of  
DUKE POWER COMPANY  
(Amendment to Materials License  
SNM-1773 for Oconee Nuclear Station  
Spent Fuel Transportation and Storage  
at McGuire Nuclear Station)  
Docket No. 70-2623

and  
In the Matter of  
DUKE POWER COMPANY  
(William B. McGuire Nuclear Station, Units 1 & 2)  
Docket Nos. 50-369 & 50-370

Dear Members of the Board:

The Nuclear Regulatory Commission Staff has recently become aware of a document which contains information potentially relevant to the issue of sabotage of spent nuclear fuel. The document is classified as national security information and is in draft form. It is uncertain that a final version will ever be published. The sabotage issue was the subject of an earlier letter dated January 3, 1979 to this Board which transmitted certain Commission reports and a copy of SAND77-1927 entitled "Transport of Radionuclides in Urban Environs: Working Draft Assessment".

A copy of the transmittal memorandum,<sup>1/</sup> unclassified, is attached for the information of the Board and the parties.

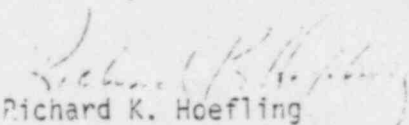
<sup>1/</sup> Memorandum of January 22, 1979 from T. F. Carter, Jr. to Director and Chief Counsel, Hearing Division, OELD.

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A Staff assessment of the significance of this information is being conducted and will be forwarded to the Board and the parties as soon as it becomes available.

Sincerely,

  
Richard K. Hoefling  
Counsel for NRC Staff

Enclosure as Stated

cc (w/encl.):

Robert M. Lazo, Esq.  
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Atomic Safety and Licensing Board Panel  
Docketing and Service Section

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JAN 22 1979

MEMORANDUM FOR: Director and Chief Counsel  
Hearing Division  
Office of the Executive Legal Director

FROM: Thomas F. Carter, Jr.  
Deputy Director  
Division of Safeguards  
Office of Nuclear Material Safety and Safeguards

SUBJECT: NEW INFORMATION POTENTIALLY RELEVANT AND MATERIAL  
TO LICENSING BOARD, APPEAL BOARD, OR COMMISSION  
PROCEEDINGS

Pursuant to the Commission Policy on Notification to Licensing Boards, Appeal Boards, or the Commission of new relevant and material information, the attached document (C/ISI) is considered potentially relevant and material to the proceedings before the ASLB in regard to McGuire Units 1 and 2 (50-329/370) and is forwarded with the recommendation that it be provided to the Board. (This report is still in draft form. It is uncertain that a final version will ever be published.)

The nature of the information is as follows:

- Analyses of sabotage attacks on the spent fuel transportation system.
- Description of damages caused by various types of high explosive attack on obsolete spent fuel casks and scale models.
- Results of attacks on these casks using military weapons.
- Relationship between the casks tested (obsolete designs) and current designs.
- Explosive tests on scale models containing glass rods (simulating radioactive wastes) to determine the amount of material ejected and the particle size distribution.

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(Insert proper classification)

The information is considered potentially relevant and material because this is the first written report available to the staff concerning high level explosive attack on spent fuel shipping casks. As such, the data contained therein could influence or assist the board in its deliberations in regard to the safety and safeguards of spent fuel while in transit from the facility.

The information is also considered potentially relevant and material to the following other proceedings:

- Jonesport Units 1 and 2 (ST: 50-516/517)
- Pilgrim Unit 2 (50-471)
- Sterling (ST: 50-485)
- Tyrone (ST: 50-484)
- Wolf Creek (50-482)

In all of these proceedings, testimony on sabotage of spent fuel in transit was considered by the boards.

A staff assessment of the significance of the information contained in this report is being conducted and will be forwarded by February 16, 1979.

15/

Thomas F. Carter, Jr.  
Deputy Director  
Division of Safeguards  
Office of Nuclear Material Safety  
and Safeguards

Enclosure:  
As stated