



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

10/3/78

OCT 3 REC'D

MEMORANDUM FOR: ✓ G. Cwalina, Environmental Evaluation Branch, DOR  
FROM: J. Y. Lee, Effluent Treatment Systems Branch, DSE  
THRU: R. L. Bangart, Leader  
Effluent Treatment Systems Branch, DSE  
SUBJECT: REVIEW OF DRAFT PNL REPORT ON DRESDEN, UNIT NO. 1,  
CHEMICAL CLEANING

We have reviewed the PNL draft report on the Dresden, Unit No. 1, Chemical Cleaning and our comments are enclosed. The report should include an independent evaluation of the gaseous, liquid and solid source terms resulting from Dresden chemical cleaning and a discussion of the compatibility of such source terms with the proposed decontamination radwaste treatment facility.

J. Y. Lee  
Effluent Treatment Systems Branch  
Division of Site Safety and  
Environmental Analysis

Enclosure:  
ETSB Comments

cc: R. Vollmer  
L. Barrett  
B. Grimes  
G. Knighton  
P. O'Connor  
V. Noonan  
D. Solberg  
P. Stoddart  
J. Collins

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ETSB COMMENTS ON  
PNL DRAFT REPORT ON DRESDEN, UNIT NO. 1  
CHEMICAL CLEANING

1. The report appears too general in treating decontamination chemical cleaning at Dresden and lacks any specific information and/or evaluation. We recommend that the report be revised to include more detail.

2. Page 5, 2nd Paragraph

The capability and need for solidification of liquid radwastes generated from chemical cleaning should also be identified and evaluated during the early planning of chemical cleaning. Compatibility of spent solvent and solidification reagents should be addressed in more detail in the report.

3. Page 6

This section should include an independent evaluation of the gaseous, liquid and solid radwaste source terms resulting from chemical cleaning and compatibility of such source terms with the proposed decontamination radwaste treatment facility.