



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

POD

JUN 21 1979

Docket No. 70-1308

MEMORANDUM FOR: Leland C. Rouse, Acting Chief
Fuel Reprocessing and Recycle Branch

FROM: Fleming M. Empson
Fuel Reprocessing and Recycle Branch

SUBJECT: SUMMARY OF MEETING WITH GENERAL ELECTRIC COMPANY,
JUNE 13, 1979, REGARDING A PROPOSED LICENSE AMENDMENT
APPLICATION TO PERMIT TESTING OF DECONTAMINATION
OF 6 X 6 BWR ASSEMBLIES FROM DRESDEN I

The persons listed below participated in the meeting at Silver Spring, MD.

General Electric Company

D. M. Dawson
C. C. Herrington

NRC

L. C. Rouse
P. O'Connor, ORB #2
F. M. Empson
J. P. Roberts
B. S. Spitalny

Commonwealth Edison

S. C. Hunsader

General Electric had requested this meeting to discuss possible requirements for a license amendment to permit experimental decontamination of 6 x 6 BWR assemblies from Dresden I. Questions with this operation include introduction of 6 x 6 fuel into the pool and use of a proprietary solvent or decontamination agent (NS-1) whose composition is not known. Paul O'Connor of Operating Reactors Branch #2 was asked to attend because of his familiarity with the process as NRC Task Manager for the Dresden I decontamination work.

S. C. Hunsader outlined the Commonwealth Edison program to decontaminate the Dresden I system to permit "hands on" inspections of the reactor systems which have become inaccessible because of internal surface contamination. They have successfully tested decontamination of the reactor system using the decontaminating agent NS-1 without fuel present. They are concerned that replacement of contaminated fuel in the decontaminated reactor would result in transfer of contamination from the fuel to the reactor system. They have done tests on the compatibility of the decontamination agent with fuel assembly materials, and do not feel that any problems are indicated.

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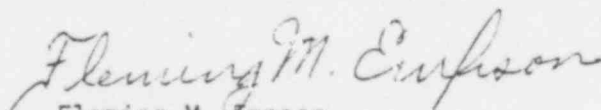
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O'Connor outlined the status of Dresden I decontamination from the regulatory standpoint. There has been a request for prevention of the cleaning action filed under the provisions of 10 CFR Part 2.206. The basis for this action is concern for possible release of the decontamination agent into the ground through disposal to the ground of solidified bottoms from evaporated decontamination solutions with possible increased migration of nuclides in the ground water. A response has not been made to this request or petition.

Discussion revealed that Commonwealth Edison would like to see this work begun about May 1980. In response to a question from General Electric, Le Rouse indicated that such an amendment would not have a significant impact on the renewal application now being reviewed. However, General Electric indicated that an application for this experimental work would be delayed somewhat because they feel additional work is required concerning disposition of the solvent residues.

In addition, the status of the expansion and renewal reviews were discussed. They were informed that the EIA and SER for the renewal application would be issued before the expected hearing. Dawson said that they are planning to submit an amendment to the CSAR to extend offsite doses over a longer period. This will be done using data developed by Resource Planning Associates under DOE contract for an EIS on spent fuel storage.



Fleming M. Simpson
Fuel Reprocessing and Recycle Branch
Division of Fuel Cycle and
Material Safety

cc: Meeting Attendees

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