

Babcock & Wilcox

USNRC REGION II
ATLANTA, GA 30303

Power Generation Group

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19 SEP 24 4:10:55

September 21, 1979

Mr. J. P. O'Reilly, Director
Region II
United States Nuclear Regulatory Commission
101 Marietta Street, N.W.
Suite 3100
Atlanta, GA 30303

REFERENCES: (1) SNM-1168, Docket 70-1201
(2) IE Bulletin No. 79-19, Packaging of Low Level Radioactive
Waste for Transport and Burial, dated August 10, 1979

Gentlemen:

This letter is in response to your request for information regarding our plan of actions and schedule for implementing items listed in Reference (2) above as discussed with members of your staff.

A current copy of DOT (49 CFR 100-199) and NRC (10 CFR 71) regulations, and a current set of license requirements for Chem-Nuclear burial grounds in South Carolina is being maintained. These items were verified in an audit performed on August 20 and 21, 1979.

By memo dated September 5, 1979, an individual was delegated responsibility for the CNFP radioactive materials transportation program. This assignment includes the review of all applicable regulations governing shipments of radioactive material, the auditing of procedures and practices impacting on radioactive material shipments, and the training of appropriate plant personnel in shipping requirements.

Management-approved operating procedures for transfer, packaging, and transport of low level radioactive material are presently available. The procedures have been audited and necessary changes are presently being considered for incorporation.

Training in applicable DOT requirements for shipping papers, labeling, and placarding was given on 4/26/79 and 6/28/79. Additional training

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in DOT and NRC requirements and Chem-Nuclear waste burial license requirements is expected to be completed by the end of December. Appropriate personnel will receive training in operating procedures covering the transfer, packaging, and transport of radioactive material. Necessary retraining will be done as new or revised requirements and procedures are issued, with training records maintained for future reference.

A periodic audit has been established by the individual responsible for the CNFP radioactive material transportation program. The first of these audits was completed in September and fulfills Item 8 of the IE Bulletin referenced above.

The following responses are provided as requested in the bulletin;

QUESTION 1: How many low-level radioactive waste shipments did you make? What was the volume of low-level radioactive waste shipped?

RESPONSE:

	<u>1978</u>	<u>1st Six Months of 1979</u>
Number of Low-Level Radioactive Waste Shipments	6	2
Volume of Low-Level Radioactive Waste Shipped in Cubic Feet	8,376	3,463

QUESTION 2: What was the quantity (curies) of low-level radioactive waste shipped? What were the major isotopes in the low-level radioactive waste?

RESPONSE:

	<u>1978</u>	<u>1st Six Months of 1979</u>
Quantity (curies) of Low-Level Radioactive Waste Shipped	0.36	0.43
Major Isotopes in the Low-Level Radioactive Waste	U-235 U-238	U-235 U-238

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QUESTION 3: Did you generate liquid low-level radioactive waste? If the answer is 'yes,' what process was used to solidify the liquid waste?

RESPONSE: No liquid low-level radioactive waste was generated during 1978 and the first six months of 1979.

If further information is needed, or if questions arise, please contact me at 804-384-5111, Extension 5211.

Sincerely,

BABCOCK & WILCOX COMPANY
COMMERCIAL NUCLEAR FUEL PLANT



D. W. Zeff, Manager
Safety, Licensing, and Safeguards

DWZ:cmm

cc: J. S. Dziewisz
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