

FEB 3 1992

NOTE TO: Sally Cornell, PMDA
FROM: B. J. Youngblood, Director, HLWM
SUBJECT: TRANSMITTAL OF INPUT FOR NRC INFORMATION DIGEST--1992 EDITION
(NMSS 9200030)

Pursuant to the January 23, 1992 memorandum, requesting an update of the NRC Information Digest, my staff has reviewed the current Digest that was enclosed with this request and has four comments regarding the information presented on high-level radioactive waste disposal.

Page 71. The second paragraph should read, "Approximately 397,300 cubic meters of high level waste from DOE activities is currently stored at three DOE facilities as of 1990."

This number is based on the data provided on page 40 of the DOE publication, "Integrated Data Base for 1991: U.S. Spent Fuel and Radioactive Waste Inventories, Projections, and Characteristics", October 1991 (DOE/RW-0006, Rev.7). This document should be referenced as a footnote on this page of the Digest.

Page 71. In view of the uncertainty regarding the actual design of the high-level waste repository, we recommend that instead of just writing "see Figure M," this should be changed to read "see Figure M for a conceptual design of the candidate high-level waste repository."

Page 75. Regardless of whether the artist's conception from the National Geographic Society is used or another drawing is used in its place for Figure M, the drawing should be labeled as "Figure M. Conceptual Design of the Candidate High-Level Waste Repository." Otherwise, we see no problem in using the National Geographic drawing.

Glossary. Add the definition of "High-Level Waste" as follows: High-Level radioactive waste (HLW) means: (1) irradiated (spent) reactor fuel, (2) liquid waste resulting from the operation of the first cycle solvent extraction system, and the concentrated wastes from subsequent extraction cycles, in a facility for reprocessing irradiated reactor fuel, and (3) solids into which such liquid wastes have been converted. HLW is primarily in the form of spent fuel discharged from commercial nuclear power plants; it also includes some reprocessed HLW from defense activities, and a small quantity of reprocessed commercial HLW.

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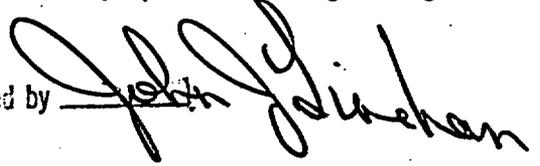
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NHY/T/0*

Sally Cornell

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Please contact Mr. Ken Kalman, of my staff if you have any questions regarding this transmittal.

Original Signed by



B. J. Youngblood, Director, HLWM

cc: E. Halman, PMDA

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