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

August 19, 1988

MEMORANDUM FOR: Victor Stello, Jr.  
Executive Director for operations

Harold R. Dentin, Director  
Governmental and Public Affairs

FROM: Samuel J. Chilk, Secretary

SUBJECT: STAFF REQUIREMENTS - BRIEFING CURRENT  
STATUS OF NUCLEAR MATERIALS TRANSPORTATION,  
10:00 A.M., WEDNESDAY, AUGUST 10, 1988,  
COMMISSIONERS' CONFERENCE ROOM, ONE WHITE  
FLINT NORTH, ROCKVILLE, MARYLAND (OPEN TO  
PUBLIC ATTENDANCE)

The Commission was briefed by the staff on current issues relating to nuclear materials transportation.

The Commission requested and the staff agreed to provide a future briefing on different cask designs for shipping and storing nuclear materials.

(EDO) (SECY Suspense: 10/88)

The staff was requested to bring to the Commission's attention any potential problems which can be foreseen (e.g., shipping requirements for spent fuel materials stored at reactor sites).

Chairman Zech requested the staff to:

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1. Submit a Commission paper on staff's recommendations for implementing the U.S./Japan agreement and regulatory requirements for shipping plutonium across U.S. boundaries.

(EDO)

(SECY Suspense: 10/31/88)

2. Estimate the dose resulting from an incident involving a SPEC 2-T radiographic device falling off a truck.

(Subsequent to the meeting, the staff transmitted by memorandum dated August 18, 1988, from Dentin to Zech, an exposure estimate calculated by the Texas Department of Health.)

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3. Not sacrifice thoroughness for rapid review of DOE's TRUPAC-II package for WIPP shipment.

4. Keep the States and Indian Tribes informed on the status of current transportation issues.

Commissioner Carr recommended that the staff:

1. Seize this opportunity to standardize storage cask designs and certification.

2. Address transportation issues in the NMSS Newsletter.

3. Involve NUMARC in standardizing fuel cask designs.

4. Include Defense Department input in considering sea. transport of plutonium.

5. Give thought to how the agency should respond to submittals that may be received requesting storage of spent fuel at other than the originating site.

cc: Chairman Zech  
Commissioner Roberts  
Commissioner Carr  
Commissioner Rogers  
OGC  
PDR - Advance  
DCS - P1-124