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

NOV 22 1978

MEMORANDUM FOR: Harold R. Denton, Director  
Office of Nuclear Reactor Regulation

FROM: Clifford V. Smith, Jr., Director  
Office of Nuclear Material Safety and Safeguards

SUBJECT: REVIEW OF REGULATORY ACTIONS AND STAFF POSITIONS  
WHICH RELY ON WASH-1400

In accordance with the EDO request of October 27, the NMSS staff has reviewed its licensing and other regulatory actions that may have relied on the risk assessment results and models of WASH-1400.

The Safeguards staff does not perform any assessments relating to safety in the sense of the Reactor Safety Study, WASH-1400; accordingly, there is no likelihood that they have relied on WASH-1400 material.

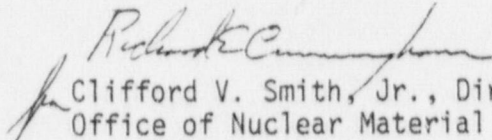
The Divisions of Fuel Cycle & Material Safety and Waste Management have reviewed their licensing actions that might be related, even remotely, to the WASH-1400 document. In the area of Waste Management there have been no licensing decisions or other regulatory actions taken that were based upon WASH-1400, its results or models. With regard to Fuel Cycle and Material Safety, we are unable to identify any actions that fit the five categories listed in Attachment 1 to the October 27 memorandum.

However, two very remote references to WASH-1400 have been uncovered as follows:

1. Basic data referenced in the draft WASH-1400 concerning natural gas pipe line failure rates was used in the preparation of the environmental statement on the Bear Creek Project of Rocky Mountain Energy Company, Docket No. 40-8452. However, such data would have been available and might have been used by the NMSS staff whether or not it had also been used in WASH-1400.

2. While none of the results or models of WASH-1400 were used in licensing reviews, the consequence model computer code (CRAC) has been used in NUREG-0194, a special study of transportation sabotage, and some data from WASH-1400 has been used in generic environmental statements on transportation of radioactive materials (NUREG-0170 and SAND 77-1927). However, no new regulatory actions or changes to rules have resulted from these efforts. Thus, no regulatory actions or staff positions have been affected by WASH-1400 material.

In summary, the NMSS staff believes that they have taken no licensing or regulatory actions which have relied on the risk assessment results and models of WASH-1400.

  
Clifford V. Smith, Jr., Director  
Office of Nuclear Material  
Safety and Safeguards