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Docket 70-687 attached

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OCT 28 1981

Docket No. 70-687
License No. SNM-639



MEMORANDUM FOR: Wendy W. Ting
Advanced Fuel and Spent Fuel Licensing Branch
Division of Fuel Cycle and Material Safety

FROM: A. Thomas Clark, Jr.
Advanced Fuel and Spent Fuel Licensing Branch
Division of Fuel Cycle and Material Safety

SUBJECT: RADIATION PROTECTION ASPECTS OF THE NEW WASTE
STORAGE AREA AT STE LING FOREST

During the site visit referred to in my trip report, dated October 13, 1981, we were shown the new waste storage facility being prepared by Union Carbide. Mr. Voth, licensing manager for Union Carbide at Sterling Forest, described to me in some detail the equipment and procedures to be used to limit radiation exposures. A special fork lift truck with shielding is used to center and lower the waste containers into the storage holes. Union Carbide performed analysis of possible radiation scatter during the loading and unloading operations.

Based on my direct observation and discussions with Mr. Voth I believe that the radiation protection provided to the workers will be adequate. This, coupled with an analysis under as low as reasonably achievable principles during our review and evaluation for the Union Carbide license renewal application, should be sufficient to conclude that the health and safety of employees is adequately protected.

A. Thomas Clark, Jr.
Advanced Fuel and Spent Fuel
Licensing Branch
Division of Fuel Cycle and
Material Safety

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| DATE | 74205 10/25/81 | 10/28/81 | PDR | ADOCK 07000687 | | |
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