

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

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NOTE FOR: Robert M. Bernero, Director Office of Nuclear Material Safety and Safeguards

FROM: Daniel J. Fehringer Hydrology and Systems Performance Branch Division of High-Level Waste Management Office of Nuclear Material Safety and Safeguards

SUBJECT: TRANSMITTAL OF PAPER ON LONG-TERM DOSE ESTIMATES

On September 6, 1991, we briefed the Chairman and Commissioner Curtiss on EPA's high-level waste standards. During that briefing, questions were raised about the means that might be used to project radiation doses far into the future (i.e., thousands of years). The enclosed paper provides staff views on the feasibility of such long-term dose estimates.

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Enclosure: As stated

cc: G.A. Arlotto R.E. Cunningham B.J. Youngblood R.F. Burnett R.L. Bangart B.M. Morris

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