

MEL SILBERBERG

APR 25 1990

MEMORANDUM FOR: Melvin Silberberg, Chief  
Waste Management Branch  
Division of Engineering, RES

FROM: Donald L. Chery, Jr., Hydrologist  
Hydrology-Transport Section  
Geosciences & Systems Performance Branch  
Division of High-Level Waste Management, NMSS

SUBJECT: PUBLICATION OF NUREG/CR-5475 "MODEL FEASIBILITY STUDY OF  
RADIOACTIVE PATHWAYS FROM ATMOSPHERE TO SURFACE WATER"

Enclosed for your information is a copy of the recently published NUREG/CR-5475, "Model Feasibility Study of Radioactive Pathways From Atmosphere to Surface Water." The results of this study demonstrated the feasibility of using a physically-based surface flow, with infiltration and erosion, model to predict radionuclide pathways in small watersheds.

Donald L. Chery, Jr., Hydrologist  
Hydrology-Transport Section  
Geosciences & Systems Performance Branch  
Division of High-Level Waste Management, NMSS

Enclosure:  
As stated

cc: R. Browning  
R. Ballard  
D. Brooks

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