



United States Government

Department of Energy

memorandum

 Albuquerque Operations Office
 Waste Isolation Pilot Plant
 Carlsbad, New Mexico 88221

DATE: FEB 5 1986
 REPLY TO: WIPP:OEE 86-0587
 ATTN OF:
 SUBJECT: QA Plan for the WIPP Long-term Performance Assessment

TO: J. E. McClure, Manager, Westinghouse Quality Assurance

You are requested to develop and submit a Quality Assurance Plan for the WIPP Long-term Performance Assessment to WPO/QA for review and approval. The plan should include, as a minimum, the following major items:

- o Westinghouse QA Group as a part of the performance assessment organization and functional responsibilities.
- o Westinghouse QA procedure(s) to be developed to assure WIPP compliance with EPA-40 CFR 191 and schedules.
- o Interface of Westinghouse QA Group with the various performance assessment working groups (geochemistry, hydrology, scenario and risk assessment, supporting studies), and WPO/QA.
- o Mechanism for reporting of predicted performance, SAR Chapter 8.

Also you are requested to be involved in all WIPP performance assessment work activities (meetings, reviews, conferences, etc.)

Attached please find a copy of the January 16, 1986 trip/conference report which was held in Albuquerque.

This will appear as an action item for Westinghouse QA on the next WPO/QA report of outstanding items. Please provide an action completion date upon receipt of this memo to WPO/QA.

R. E. Sevo
 R. E. Sevo
 Acting QA Manager

Attachment

cc. w/o attachment
 R. Mairson, Westinghouse
 R. Kehrman, Westinghouse
 A. Hunt, DOE
 R. Crawley, DOE
 D. Longwell, DOE
 O. El-Messidi, DOE
 G. Romero, SNLA

860201



PERFORMANCE ASSESSMENT
PRESENTATION TO THE
NATIONAL ACADEMY OF SCIENCE
WIPP REVIEW PANEL

February 4, 1986

INTRODUCTION R. EASTMOND

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ORGANIZATION AND MANAGEMENT STRUCTURE
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TECHNICAL REQUIREMENTS
CHARACTERISTICS OF THE WIPP ASSESSMENT
MAJOR ACTIVITIES IN THE APPROACH

SCENARIO DEVELOPMENT I. BANZ

PREVIOUS EFFORTS AT WIPP
PROPOSED METHODOLOGY

HYDROLOGICAL ANALYSES J. ZURKOFF

AREAS REQUIRING HYDROLOGIC ANALYSIS
FLOW MECHANISMS
FLOW MODELING
TRANSPORT MODELING

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GEOCHEMICAL CODE SELECTION D. COLTON
RADIONUCLIDE SOLUBILITY J. MYERS

SUMMARY R. EASTMOND

WIPP PERFORMANCE ASSESSMENT APPROACH
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