

March 27, 2003

MEMORANDUM TO: Lawrence E. Kokajko, Acting Chief
Environmental & Performance Assessment Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards

FROM: Susan Frant, Chief **/RA/**
Fuel Cycle Facilities Branch
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

SUBJECT: TECHNICAL ASSISTANCE REQUEST - WESTERN NUCLEAR
INCORPORATED (WNI) GROUNDWATER CORRECTIVE ACTION
PLAN (GCAP) - REVIEW OF WNI'S SUPPLEMENTAL
GROUNDWATER MODELING REPORT FOR THE SPLIT ROCK
WYOMING SITE

The Fuel Cycle Facilities Branch requests technical assistance in reviewing the following project:

PROJECT: WNI Supplemental Groundwater Modeling Report

RITS/TAC NOS: 201112LE/L51881

REQUESTED ACTION: See attached.

Please provide the information requested below and return a completed copy to the Licensing Assistant (LA) or Project Manager (PM).

Name of DWM Reviewer: _____

DWM's Project Completion Date: _____

EAPB Branch Chief Signature: _____

The above TAC No. should be referenced in future correspondence related to this request and on RITS Report for recording staff time expended on this effort.

Docket: 40-1162

License: SUA-56

Attachment: Work Statement and Reviewer Objectives

CONTACT: PM: Bill von Till (301) 415-6251

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Distribution
Docket 40-1162

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DATE	3/18/03		3/19/03		3/19/03		3/27 /03	

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REQUEST FOR TECHNICAL ASSISTANCE

General:

A review of a portion of the Western Nuclear Incorporated (WNI) report entitled "Site Ground Water Characterization and Evaluation" was conducted by Mark Thaggard from a previous TAR. Mark reviewed aspects of the fate and transport model RAND3D, a random-walk model that simulates advection by moving particles along a flow path at prescribed velocities and dispersion by statistically moving particles.

The licensee has created another model for the staff's review.

Reviewer Objectives:

The objective of the reviewer is to review the Supplemental Groundwater Modeling Report dated March 7, 2003 and give input to the Project Manager.

Time Schedule:

Reviewer should work with the Project Manager/Hydrogeologist and this aspect of the review should be completed in six weeks.

Reviewer Qualifications:

FCSS requests that Mark Thaggard make this review since he made the initial comments and is familiar with the site and the modeling and therefore the review effort would be effective and efficient.