Internal Report
Sandia National Laboratories
Division 6431

January 4, 1984

Trip Report: NRC review of Basalt Waste Isolation Project (BWIP) Hydrologic Data

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Date: January 9, 1984 to January 16, 1984

Location: Richland, Washington

Purpose: The purpose of this trip was to participate in the NRC's review of the BWIP hydrologic data which has been collected since July of 1982.

Background: The NRC has organized and directed a team of hydrologists to review the hydrologic data from the BWIP site. This trip was part of their continuing review process.

Summary: During this visit to the Hanford site several types of information were obtained. These included: 1) officially released but as yet unpublished data; and 2) draft documents and basic data which have not been officially released. Copies of the released data were given to us and were not reviewed at the site. We reviewed the unreleased data during our visit. During our visit we also observed part of the procedure used to install piezometers in the cluster holes. We also had an opportunity to study the core taken during drilling the test holes. On January 16th, Matthew Gordon (NRC), Neil Coleman (NRC), and I accompanied Steve Riedel of Rockwell on a geologic field trip around the Hanford area.

At the end of the review session, the team met for a group discussion of the week's activities. At that time a summary sheet for each type of test was compiled. This summary contains the concerns and questions raised by each of the team members. These sheets will be the basis for much of the discussions to be held with the Rockwell personnel at the upcoming hydrologic workshop.

My particular concerns and comments about the information obtained during the visit will be included in a letter report to Matthew Gordon.