PAE File

Battelle
Pacific Northwest Laboratories
P.O. Box 999
Richland, Washington U.S.A. 99352
Telephone (509) 376-4808
Telex 15-2874

July 25, 1984

Dr. A. G. Law
Hydrogeology Unit
Waste Management Systems Engineering
Rockwell Hanford Operations
P.O. Box 800
Richland, WA 99352

Dear Al:

Ref: Review of Document RHO-RE-SR-84-24 P, Results of the Separations Area Ground-Water Monitoring Network for 1983.

We had an opportunity for only a brief survey of the referenced document because of the need to complete the review today. Enclosed, is a "marked-up" copy of the document draft that contains our comments.

In general, the report should be reviewed and edited by a technical editor. Our review did not provide this function, except where obvious typographic errors or other similar defects were found in the course of technical review.

We feel that the document would benefit from additional explanation of why changes have occurred in contaminant concentrations in the ground water between 1982 and 1983 and discussion of the significance of the changes. As it stands, the report is mostly a compendium of data gathered, with a minimum of interpretation and evaluation.

PNL Document No. 5041, Ground-Water Surveillance at the Hanford Site for CY 1983, and the referenced document overlap in some areas. We feel that it is important to have the authors of both documents coordinate data evaluation prior to issuance of the documents. This would preclude variances in interpretation that would be confusing to our sponsor (DOE-RL) and other readers. Then, at least, if there are recognized and unresolvable differences, they can be explained and rationalized in the text of each document.

Please call me if you have any questions on our review or if we can be of additional assistance.

Sincerely,

John

J.R. Raymond
Staff Scientist
Environmental Evaluations Section

JRR:gd

Enclosure

2C3BH000 )0