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3101/MJG/83/03/30/0

- 1 - MAR 31 1983

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MEMORANDUM FOR: Robert E. Browning, Acting Director
Division of Waste Management

FROM: Michael J. Bell, Chief
High-Level Waste Licensing
Management Branch
Division of Waste Management

SUBJECT: NON-ISOTHERMAL MODELING OF THE HANFORD SITE, OPS PLAN
COMMITMENT 311333

Attached please find a copy of "Non-isothermal Modeling of the Hanford Site," prepared by M. Gordon and M. Weber to satisfy 1983 Operating Plan Commitment Number 311333 due on March 31, 1983. This report presents results of the on-going performance assessment modeling of the BWIP site. NRC modeling capabilities have been updated to assess the thermal and hydraulic effects of a conceptual HLW repository on the groundwater flow system at BWIP. Besides detailing BWIP modeling and results, the report also evaluates future modeling needs and recommends actions to strengthen the program.

ORIGINAL SIGNED BY

Michael J. Bell, Chief
High-Level Waste Licensing
Management Branch
Division of Waste Management

Enclosure:
As stated 8307220140 830331

- cc: J. Rowe, GAI
M. Reeves, GeoTrans
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