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Docket 40-8745
PDR

JUL 14 1981

WMUR:DMG
Docket No. 40-8745

Ogle Petroleum, Inc.
ATTN: Mr. Glenn Catchpule
150 North Nichols Avenue
Casper, Wyoming 82601

Gentlemen:

License Condition No. 77 of Source Material License No. SUA-1396 requires NRC review and approval of the stability of the existing R&D evaporation pond prior to the start of commercial operations. By letter dated May 13, 1981, Ogle responded to an NRC request for details regarding the construction of the R&D pond (question No. 5 of NRC letter dated April 23, 1981).

NRC staff review of the submitted information has determined the need for additional investigation to document the stability of the existing embankments. Since no soil compaction requirements were set and no embankment soils testing was performed, a minimum of two 15 foot borings are required to be drilled through the embankment into the foundation materials. Borings should be located at approximately the middle of both the southeast and southwest sides of the pond. Continuous standard penetration tests (SPT's) and supporting laboratory strength tests should be performed to demonstrate the strength of the compacted embankment material.

If we can be of any further assistance, do not hesitate to contact Mr. Dan Gillen of my staff at (301) 427-4088.

Original Signed by:
J. J. Linehan

John J. Linehan, Section Leader
Operating Facilities Section I
Uranium Recovery Licensing Branch
Division of Waste Management

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