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WMUR:KLK
Docket No. 40-8064

MEMORANDUM FOR: Ross A. Scarano, Chief
Uranium Recovery Licensing Branch
Division of Waste Management

FROM: Kenneth L. Kalman, Project Manager
New Facilities Section
Uranium Recovery Licensing Branch
Division of Waste Management

SUBJECT: MINUTES OF MEETING WITH EXXON REGARDING HIGHLAND
R & D IN-SITU PROJECTS

Place and Date: Silver Spring, Maryland
Willste Building
February 4, 1982

Purpose: To discuss the operational history and restoration
program status and success to date at the original
R & D in-situ project.

Participants: NRC Exxon
Ross A. Scarano H. Paul Estey
Dan E. Martin
Kenneth L. Kalman

Background

Exxon has applied for renewal of Source Material License No. SUA-1064 (Docket No. 40-8064) for its R & D in-situ project at the Highland Operations Area in Converse County, Wyoming. Following a detailed review of the available operational history and restoration data pertaining to the project, NRC staff concluded that additional information would be useful, and since Mr. Estey would be here for other business, a meeting on the in-situ project would likely be beneficial.

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Discussion

Introductions were made and R. Scarano expressed the NRC staffs' interests in not unnecessarily extending the unusually long restoration period. Other topics discussed were the availability of baseline data, restoration success, and restoration goals.

Exxon's H. Paul Estey, agreed that the restoration period has been longer than expected and explained that there were several problems with the technology used during the operational phase. These problems included overinjection, use of too strong a lixiviant, and possibly the use of acid in wells 13 and 14. Estey added that Exxon staff at the Highland Operation area are currently trying to develop a program for another attempt at restoration and to establish restoration criteria.

Following further discussion, it was then agreed that the NRC would proceed with the license renewal review on the basis of currently available information. However, license conditions would be incorporated into the proposed renewed license requiring Exxon to propose the missing information that is customarily appropriate for restoration efforts, such as restoration plans, restoration criteria and monitoring, excursion detection and restoration stability criteria and monitoring. Due dates for submittal of this information will be established by the NRC with input from Exxon.

K. Kalman then brought up questions regarding the use of specific facilities at the in-situ project which were answered by Estey.

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Kenneth L. Kalman
New Facilities Section
Uranium Recovery Licensing Branch
Division of Waste Management

cc: H. Paul Estey

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