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WMM-11

MAR 23 1979

MEMORANDUM FOR: R. P. Jenise, Division of Site Safety
and Environmental Analysis, HRS 20252
M. J. Bell, Low Level Waste Branch, HRS 20240

FROM: G. Wayne Kerr, Assistant Director
for State Agreements Program
Office of State Programs

SUBJECT: LYONS KANSAS SALT MINE WASTE FACILITY

The attached information is for your use in preparing for the April 3, 1979 meeting on technical assistance to Kansas regarding the Lyons Kansas Salt Mine Waste Facility.

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G. Wayne Kerr, Assistant Director
for State Agreements Program
Office of State Programs

Enclosure:
As stated

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Kansas Request for NRC Assistance in Review of
Low-Level Radioactive Waste Repository in
Lyons, Kansas

A. Background Information

1. On August 30, 1978, the Office of State Programs received a letter from the State of Kansas asking for suggestions and comments on a proposal by Southwest Nuclear Company to establish and operate a retrievable repository for safe storage of low-level radioactive waste in bedded salt deposits of the Carey Salt Mine at Lyons, Kansas. The State also asked for an outline of any available assistance, cooperation and financial support available from the NRC for this review.
2. The Office of State Programs forwarded a copy of the request to the Low-Level Waste Branch for response, on September 13, 1978.
3. Office of State Programs received a response from the Director of Nuclear Material Safety and Safeguards on February 9, 1979 stating that they were ready to meet with the Kansas officials to discuss the extent of NRC participation in this action and to arrange a meeting for this purpose. This memorandum also urged the NRC preparation of a documented environmental assessment as is being done for uranium mills. The information was transmitted to Kansas on February 23, 1979.
4. By memo dated February 23, 1979, Office of State Programs forwarded to the Low-Level Waste Branch a copy of Rickano Corporation's, "Geotechnical Studies and Radioactive Waste Management Plan for Low-Level Retrievable Storage Facility".
5. The Office of State Programs has arranged a meeting with Kansas for April 17 and 18, 1979. It is expected that a trip to the site can be arranged for the 17th and discussions on the project held on the morning of the 18th.

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B. Items for Discussion for the April 3 Meeting

Prior to going to Kansas, we should be prepared to:

1. Identify the environmental indices that should be addressed in the EIS, i.e. prepare an outline. *State vs. NRC*
2. Identify the scope or depth of coverage for each index.
3. Determine the availability of resources to complete the effort, either in-house or through contractor support.
4. Estimate of costs. (200,000 - 500,000)
5. Estimate of time to complete the assessment.

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