



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

PDR

OCT 13 1978

DOCKET NO.: 40-4492
LICENSEE: Federal-American Partners (FAP)
FACILITY: FAP Uranium Mill
SUBJECT: AMENDMENT NO. 3 TO SOURCE MATERIAL LICENSE SUA-667

I Background

FAP has stated during an October 4, 1978 telephone conversation that they are not able to take stack samples for the length of time (24 hr.) required by license condition No. 24 because the filter will clog. That time period was required in an attempt to obtain a more representative stack sample. Individual one-hour stack samples show that effluents vary widely from one sampling period to the next. It was also hoped that the longer sampling times would reduce the uncertainty of the measurements (e.g., 9.6×10^{-13} to 9.5×10^{-13} $\mu\text{Ci/ml}$). Instead of the 24 hr. sample FAP proposed to sample isokinetically but increase the sampling period three to four times. This is an acceptable program.

FAP's consultant, F. M. Fox and Associates, informed Owen Thompson, DSE, that the 80 percent relative density requirement of license condition No. 17 does not apply to their foundation materials. This item was discussed with Mr. Donald Clark of F. M. Fox by telephone on September 29, 1978 and October 3, 1978 and the criteria in revised license condition No. 17 were developed. These agreements are documented by an October 4, 1978 memo to J. Carl Stepp, Chief, Geosciences Branch, DSE from Owen D. Thompson, Geotechnical Engineer, DSE. These criteria are acceptable to NRC and will be contained in FAP's final construction report.

II Proposed Action

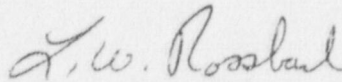
The proposed action is the amendment of Source Material License SUA-667 to permit the stack monitoring program to be revised as stated in condition 28 and to revise the criteria for dam #1 foundation materials as stated in revised condition 17.

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III Conclusion

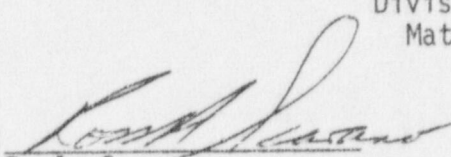
The staff has concluded that issuance of Amendment No. 3 to SUA-667, consisting of a revised license condition No. 17 and an additional license condition No. 28 will not constitute an undue risk to the health and safety of the public.

Therefore, pursuant to 10 CFR 51, Section 51.5, an environmental impact statement, negative declaration, or an environmental impact appraisal need not be prepared.



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Division of Fuel Cycle and
Material Safety

Approved by:


R. A. Scarano