



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

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WMUR:JER
Docket No. 40-8692
SUA-1370, Amendment No. 1

Cotter Corporation
ATTN: Mr. T. C. Smith
Supervisor of Environmental Activities
9305 W. Alameda Parkway, Suite 201
Lakewood, Colorado 80220

Gentlemen:

In accordance with your application and supportive information submitted with letter dated June 26, 1980 and pursuant to Title 10 Code of Federal Regulations, Part 40, the indicated Conditions of Source Material License No. SUA-1370 are hereby amended to read as follows:

- 11. Authorized Use: For recovery of uranium from a total of about 2125 tons of Charlie Test Pit ore processed during two separate test periods using the Holmes and Narver Thin Layer Leach (TL) Process in accordance with the statements, representations and conditions contained in (1) the licensee's application dated March 24, 1978 and revised supportive information dated September 25, 1978; (2) additional information transmittals dated February 7, May 23, August 14, and September 6, 1979; and (3) the licensee's amendment application and supportive information dated June 26, 1980.

Notwithstanding the above, the following conditions shall override any conflicting statements contained in the licensee's applications and supplements:

- 12. The experimental uranium recovery activities during the first test shall consist of processing crushed uranium ore at an average rate of approximately 25 tons per day for sixty days over a ninety day period. For the second test, approximately 25 tons per day will be processed for twenty-five days over a forty-five day period.

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17. An in-plant radiological safety and monitoring program shall be conducted during normal pilot plant operations as described in Section 5.5 of Exhibit A submitted with the amendment application by letter dated June 26, 1980 except that all General Air Monitoring samples shall be taken at least twice during the second test period. In addition, an environmental monitoring program shall be conducted as indicated in Table 5.5-3, page 5-13 (Rev. 8/30/79), of the amendment to the Revised Source Material License Application submitted with letter dated September 6, 1979, except that sampling for radon-222 at the upwind and downwind site boundaries shall be conducted prior to startup as well as at monthly intervals during operation of the pilot plant and until the tailings have been moved to a permanent disposal site.
21. The licensee shall submit a detailed completion report of the entire pilot plant test program no later than 45 days following completion of the operating period for the second test. This report shall describe both pilot plant tests and shall include operating data and results covering both test periods. The information submitted shall include supporting analytical data and all results of the radiological and environmental sampling programs as well as the licensee's analysis and interpretation of the test results.
22. The licensee shall submit a detailed report of the results of the Column Leaching Test described in his February 7, 1979 transmittal within 30 days of the date of issuance of this license amendment. This report shall describe the test procedures and results along with the licensee's analysis and interpretation of the test results and the conclusions drawn from them.

All other conditions shall remain the same.

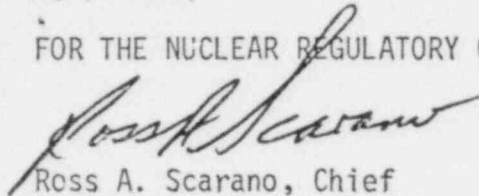
These conditions have been discussed and agreed upon in telephone conversations between your Mr. T. C. Smith and Mr. J. E. Rothfleisch of my staff.

The overall effect of this amendment is to authorize reactivation of the TL leach pilot plant facility to conduct a second test in which approximately 25 tons per day of crushed uranium ore will be processed for 25 days over a 45 day period, as requested, subject to the conditions listed above.

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As discussed with Mr. Smith by telephone on July 28, 1980, the NRC staff review of your amendment application indicates Cotter Corporation to be in technical violation of their license as a consequence of failing to provide official notification of having enclosed a portion of the pilot plant facility within a temporary structure. To remedy this oversight, it is requested that the Revised Source Material License Application (Rev. 8/30/79) as well as Exhibit A of your June 26, 1980 submittal be modified as required to correct the facility description and that these modifications along with a plan view of the Pilot Plant Building and adjacent area showing all equipment and monitoring locations to be submitted in time to reach our offices no later than August 29, 1980. Please include with this submittal the results of analyses of all radiological safety and environmental monitoring samples collected during the November 4 to December 20, 1979 Test I operating period.

FOR THE NUCLEAR REGULATORY COMMISSION



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