License No. SUA-667 Docket No. 40-4492

Notice of Violation

Based on the results of the NRC inspection conducted on June 15 and 16, 1976, certain activities appear to be in noncompliance with NRC regulations and the conditions of your NRC License No. SUA-667 as indicated below:

 Contrary to License Condition 10, on June 16, 1976 the mill entrance at the southwest corner was not posted in accordance with 10 CFR 20.203(e)(2), and with the words, "Any area within this mill may contain radioactive material."

This is an infraction.

 Contrary to License Condition 13, radiation safety surveys were not always conducted during maintenance activities. Specific examples include leach tank repairs on June 15, 1976, and certain amber jet bag changes and rabble arm inspections in the period May 1975 to June 16, 1976.

This is an infraction.

3. Contrary to 10 CFR 20.106(a), airborne concentration of natural uranium in the unrestricted area exceeded the limits specified in Appendix B, Table II of 10 CFR Part 20 in that access to the site restricted area was not controlled for a distance of approximately 1500 feet on the southwest side of the property where the perimeter fence was not in existence on June 16, 1976.

This is an infraction.

4. Contrary to 10 CFR 20.201(b), surveys to determine the airborne concentrations of radon to which individuals were exposed in the restricted area, for purposes of demonstrating compliance with 10 CFR 20.103(a), were not performed during the period January 29, 1976 to June 16, 1976.

This is an infraction.

- 5. Contrary to 10 CFR 20.201(b), surveys performed to determine the airborne concentration of uranium to which individuals were exposed in the restricted area were not capable of demonstrating compliance with 10 CFR 20.103(a), in that;
 - calculations used to convert grams of uranium to curies of uranium employed a specific activity correction different than that shown in Footnote 4, Appendi: B of Part 20;

(continued)

License No. SUA-667 Docket No. 40-4492

- b) individual exposures were not time weighted to account for varied work locations when an individual's exposure exceeded Table I, Appendix B values for a portion of his work period at one or more locations;
- c) airborne concentrations were not measured at all work locations identified by time studies performed on individuals who receive inhalation exposures exceeding Appendix B, Table I values. (Examples were "1st Floor Locations" and "outside.");
- d) time studies were not performed during special maintenance operations where airborne concentrations of uranium exceeded Table I, Appendix B, limits. Specific examples included amber jet bag changes on March 6 and 16, 1975 when employees were exposed to airborne uranium concentrations of 3.6 X 10⁻⁸ uc/cc and 2.5 X 10⁻⁹ uc/cc, respectively.

This is an infraction.

6. Contrary to 10 CFR 20.201(b) surveys of uranium effluent releases from the roaster and dryer stacks which showed annual averages above Appendix B, Table II limits at the point of release in the restricted area were not evaluated in accord with 10 CFR 20.106(d) requirements to demonstrate compliance with 10 CFR 20.106(a).

This is an infraction.

INSPECTION & ENFORCEMENT - STATISTICAL DATA

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USNRC - INSPECTION & ENFORCEMENT STATISTICAL DATA

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INSPECTION & ENFORCEMENT-STATISTICAL DATA SUPPLEMENT

GENERAL INSTRUCTIONS: BLOCK A MUST BE CHECKED TO SHOW TYPE OF INFORMATION CONTAINED ON THE FORM. ONE FORM IS TO BE COMPLETED FOR EACH:

(A) ITEM OF NONCOMPLIANCE CITED.

(B) ITEM OF NONCOMPLIANCE NOT CITED, AND.

(C) DEVIATION CITED IN ENFORCEMENT CORRESPONDENCE

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FORM NAC-756-S JULY 1975 (MC 0535)

UNITED STATES NUCLEAR REGULATORY COMMISSIO

INSPECTION & ENFORCEMENT-STATISTICAL DATA SUPPLEMENT

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(A) ITEM OF NONCOMPLIANCE CITED,

(B) ITEM OF NONCOMPLIANCE NOT CITED, AND.

(C) DEVIATION CITED IN ENFORCEMENT CORRESPONDENCE

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INSPECTION & ENFORCEMENT -- STATISTICAL DATA SUPPLEMENT

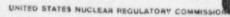
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INSPECTION & ENFORCEMENT-STATISTICAL DATA SUPPLEMENT

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INSPECTION & ENFORCEMENT—STATISTICAL DATA SUPPLEMENT

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