

APPENDIX A

NOTICE OF VIOLATION

Kerr-McGee Nuclear Corporation
Sequoyah Facility

Docket: 40-8027
License: SUB-1010

As a result of the inspection conducted on February 22-25, 1982, and in accordance with the Interim Enforcement Policy, 45 FR 66754 (October 7, 1980), the following violations were identified:

1. 10 CFR 20.201(b) requires that each licensee shall make or cause to be made such surveys as (1) may be necessary for the licensee to comply with the regulations in 10 CFR Part 20, and (2) are reasonable under the circumstances to evaluate the extent of radiation hazards that may be present.

Contrary to this requirement, adequate surveys were not performed to assess worker exposure to airborne uranium in accordance with 10 CFR 20.103(a) during the interval July 1980 to February 1982. Specifically, under conditions of high airborne concentrations of soluble uranium, the precise locations and work intervals of certain workers were not determined in order to accurately determine the workers' exposure.

This is a Severity Level IV violation (Supplement IV.D.1).

2. 10 CFR 20.203(b) requires that each radiation area shall be conspicuously posted with a sign or signs bearing the radiation caution symbol and the words: CAUTION - RADIATION AREA. A "radiation area" is defined in 10 CFR 20.202(b)(2) as any area, accessible to personnel, in which there exists radiation at such levels that a major portion of the body could receive in any one hour a dose in excess of 5 millirem.

Contrary to this requirement, an ash receiver storage cubicle, with measured radiation levels of 8 millirem per hour at waist height and at 18 inches from an ash receiver within the cubicle, was not so posted on February 24, 1982.

This is a Severity Level VI violation (Supplement IV.F).

3. License Condition 12 requires, in part, that the licensee shall conduct the environmental monitoring program described on page 4-8.3 of the license application as periodically updated. Page 4-8.3, last updated on August 18, 1977, requires that the main plant stack sample be collected twice a week.

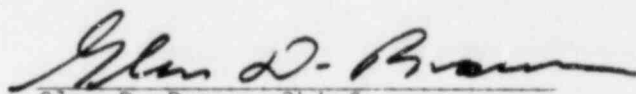
Contrary to this requirement, no such samples were collected during the period from October 1, 1980 to February 15, 1981.

This is a Severity Level V violation (Supplement VI.E).

Pursuant to the provisions of 10 CFR 2.201, Kerr-McGee Nuclear Corporation is hereby required to submit to this office within 30 days of the date of this Notice, a written statement or explanation in reply, including: (1) the corrective steps which have been taken and the results achieved; (2) the corrective steps which will be taken to avoid further violations; and (3) the date when full compliance will be achieved. Under the authority of Section 182 of the Atomic Energy Act of 1954, as amended, this response shall be submitted under oath or affirmation. Consideration may be given to extending your response time for good cause shown.

Dated _____

MAR 16 1982



Glen D. Brown, Chief
Technical Program Branch