

JUL 9 1959

A. R. Luedecke
General Manager

H. L. Price, Director
Division of Licensing and Regulation

EVALUATION OF NONCOMPLIANCE ITEMS ASSOCIATED WITH PROPOSED
COMPLIANCE ORDER TO URANIUM REDUCTION COMPANY

Attached for your signature is a letter to Mr. Ramey informing the JCAE of the issuance of a compliance order to the Uranium Reduction Company.

The Uranium Reduction Company was inspected in December, 1957 and found to be in noncompliance with Commission survey and posting requirements. A notice of alleged violation was issued to the company in May, 1958, and they responded that they would correct the deficiencies in their program. Uranium Reduction was again inspected in February, 1959, and it was found that they had done little or nothing to comply with our survey requirements.

Based on information contained in the most recent report submitted by the Division of Inspection, it appears that this company is in non-compliance with our survey requirements in that they have not performed sufficient air surveys to determine exposure to employees within the mill. The 18 air samples that were taken did not cover a sufficient number of locations within the mill nor were air samples taken frequently enough to determine average conditions of exposure to airborne radioactive material. Further, the air concentrations which were determined by the 18 samples were not related to actual exposures of employees who occupied these areas at certain times during operation.

In addition to not making surveys of air concentrations of radioactive material, the mill has made no determination of the quantities or concentrations of radioactive material released as liquid effluents to their environs. Our experience with mills indicates that such effluents frequently contain relatively high concentrations of radioactive material and may necessitate some control measures in order to achieve compliance with Part 20 of the Commission regulations.

The mill appears to have performed an adequate survey to determine the external levels of radiation within mill areas. The results of their surveys are consistent with data we have concerning the expected levels of radiation in such mills. The mill is continuing its program to determine doses of external radiation to employees by utilizing a film badge program.

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Attachment

OFFICE ▶	DLR:RSB	DLR:RSB	DLR	DLR		
SURNAME ▶	Cunningham:hkm	LRRogers	RLKirk	HLPrice		
DATE ▶	7-8-59					

Office Memorandum • UNITED STATES GOVERNMENT

TO : A. R. Luedecke
General Manager

DATE: JUL 9 1959

FROM : H. L. Price, Director
Division of Licensing and Regulation *HLP*

SUBJECT: EVALUATION OF NONCOMPLIANCE ITEMS ASSOCIATED WITH PROPOSED
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SURNAME ▶	Cunningham:nlr	DRRogers	RLKirk	HLPrice		
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