

Combustion Engineering -SNM-33



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

March 19, 1980

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MEMORANDUM FOR: L. B. Higginbotham, Assistant Director, Division of
Fuel Facility and Materials Safety Inspection, IE

FROM: A. B. Davis, Chief, Fuel Facility and Materials
Safety Branch, Region III

SUBJECT: OCCUPATIONAL ALARA REQUIREMENTS FOR
URANIUM FUEL FABRICATION FACILITIES
(AITS NO. H08000196)

In response to your memorandum of March 3, 1980, we reviewed ALARA requirements for Region III fuel facilities. No changes in present requirements seem necessary. The ALARA status of the facilities is summarized below:

1. Allied Chemical, Metropolis Works - License application describes organization and functions of ALARA committee. License Condition 16 of SUB-526 requires review and documentation of undesirable trends and evaluation of corrective actions. ALARA committee has recently initiated design changes in the drum dumper station, the area of highest airborne activity in the plant.
2. Combustion Engineering, Hematite - ALARA is not specifically mentioned in the approved license application or the license (SNM-33). However, management has worked continuously and effectively to keep effluents and personal exposures at a minimum.
3. General Electric, Morris Operations - The facility has no significant effluents. License SNM-1265 requires that operations be conducted as described in the licensee's SAR (NEDO-21326), which states that the health physics program is to be conducted in accordance with ALARA principles. Inspections disclose that operations are so conducted.
4. Battelle Columbus Laboratories - The existing licenses, SNM-7 and 34-6854-05, contain no specific ALARA requirements. The licensee has been in timely renewal for several years. The application for renewal of the licenses, submitted in 1977, commits to an ALARA philosophy. Effluent releases are small and the licensee controls personal exposures acceptably.

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