

72

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

February 3, 1977

MEMORANDUM FOR: Region III Files

THRU: G. T. Lonergan, Chief, Materials Radiological Protection Section M
FROM: C. T. Oberg, Radiation Specialist
SUBJECT: KERR-MC GEE CHEMICAL CORPORATION, WEST CHICAGO, ILLINOIS
LICENSE NO. ST -583
BRIEF TOUR OF FACILITY BY REGION III, IE INSPECTOR

On February 1, 1977, an NRC, Region III, IE inspector made a brief tour of the subject licensee's West Chicago, Illinois, Rare Earth Plant to determine the status of the facility and the Action Items (AI's) agreed to by the licensee.

The AI's, with exception of No. 5, appear to have been satisfied and are status quo. Progress on AI No. 5 is being made; ATCOR personnel (Health Physics consultant firm; Park Mall, Peekskill, N.Y. 10566) had just this day completed their comprehensive survey of the licensee's plant and waste areas. The consultant firms evaluation of the survey will be presented to Kerr-McGee management for ultimate resolution of AI No. 5.

ADDITIONAL OBSERVATIONS

A cursory visual observation of the waste area revealed apparent minimal disturbance of the gangue dust by the high wind velocities during the past few weeks.

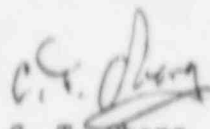
The railroad tank car has been removed from the south end of the plant area. In this same area, the inspector observed the presence of a flat-bed trailer, a trailer tractor, a truck, a high lift, a car and two individuals. Apparent new material was being loaded onto the truck. Kerr-McGee site personnel informed the inspector that this was new material, used by Auer and Company for sewer construction, which had been stored on site and now being removed.



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February 3, 1977

Inspector reviewed records of plant materials removed and the associated survey data. These records showed that no material was removed during September, October and November of 1976. During the months of December, 1976, and January, 1977, approximately eight (8) shipments were moved off site. These consisted of miscellaneous scrap metal, a high lift, and several tanks. Both fixed and removable radioactivity survey data were taken from each shipment. These data appeared to be acceptable under the recent guidelines.



C. T. Oberg
Radiation Specialist