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Release
Jerma
APR 24 1974

To: File

Gulf Nuclear Fuels Co.
Pawling, N.Y.

License Nos. SD4-871
R-49
CX-25

Docket Nos. 70-903
50-101
50-290

The Critical Facility housing the two test reactors was surveyed on 4/10/74. The reactors had been completely removed. The control equipment was still in place. No evidence of contamination was observed in the facility.

The lower levels of the Plutonium Facility and its supporting buildings were surveyed 4/9-11/74. The only contamination found above the release criteria levels was measurable contamination inside three sections of conduit in the wall between the Pilot Area and the Weld and Load Area. The wipe showed 200dpm alpha.

The upper levels of the Plutonium Facility were surveyed 4/15-16/74. One section of the east wall of the Gas House showed fixed contamination levels exceeding 500dpm alpha per 10⁴cm². The wall was cleaned by the licensee's contractor personnel to an average of less than 500dpm alpha per 10⁴cm² and a maximum of about 1000dpm as surveyed by the AEC inspectors. It was noted that the three sections of conduit had been removed from the wall between the Pilot Area and the Weld and Load area. It was also noted that two additional sections of conduit penetrated this wall. They were wiped and the wipe showed 235dpm. A licensee representative phoned RO:I on 4/17/74 and stated that these two sections of conduit had been removed from the wall.

On 4/18/74 P. J. Knapp notified R. J. Dabe, Fuel Facility Licensing, HQ by phone that Plutonium Facility met the release criteria. He also notified P. E. Erickson, Reactor Licensing, HQ, that the Critical Facility met the release criteria.

Phillip C. Jerma
Radiation Specialist

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P. J. Knapp, Senior Facility Radiological Protection Section

INSPECTOR EVALUATION

Gulf Nuclear Fuels Company

Fawling, New York

License Nos. SNM 871 R 49, CX 25

This was a close out survey. It appeared that a good job was done by Gulf and by Atcor Inc. in decontaminating the Plutonium Facility. The facility was grossly contaminated by an explosion in a Pu glove box in December, 1972. The decontamination was a major job requiring removal and replacement of inside and outside walls.

There was no indication of any contamination above background in the Critical Facility which housed the two test reactors.

Phillip C. Jerman
Radiation Specialist