

U.S. NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT

Region I

Report No. 50-201/78-08

Docket No. 50-201

License No. C5F-1 Priority 1 Category RP

Licensee: Nuclear Fuel Services
Suite 600, 6000 Executive Boulevard
Rockville, Maryland 20352

Facility Name: Nuclear Fuel Services

Inspection at: West Valley, New York

Inspection conducted: October 24-26, 1978

Inspectors: J. J. Kottan 11/9/78
J. J. Kottan, Radiation Specialist /date signed

T. J. Jackson 11/9/78
T. J. Jackson, Radiation Specialist (Intern) /date signed

Approved by: J. P. Stohr 11/9/78
J. P. Stohr, Chief, Environmental and /date signed
Special Projects Section, FF & MS Branch

Inspection Summary:

Inspection on October 24-26, 1978 (Report No. 50-201/78-08)

Areas Inspected: Routine, unannounced inspection of environmental monitoring program including: program management, implementation of the monitoring program, quality control of analytical measurements, and nonradioactive effluent release rates and limits. The inspection involved 34 inspector-hours on site by two NRC regional based inspectors.

Results: Of the four areas inspected, no items of noncompliance were identified.

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DETAILS

1. Persons Contacted

Principal Licensee Employees

- *W. Oldham, General Manager
- *R. Smokowski, Health and Safety Manager
- C. Seitter, Quality Assurance Supervisor
- *D. Wilcox, Environmental Specialist

* denotes those present at the exit interview

2. Management Controls

The inspector reviewed the licensee's management controls as related to the environmental monitoring program. Areas reviewed included changes in the program and procedures since the last inspection of the environmental monitoring program (NRC:I Inspection Report No. 50-201/77-05). The inspector noted that the licensee has implemented a new Health and Safety Procedures Manual which includes the following sections: Environmental Program, Analytical Procedures, Counting, and QA/QC Program. With regard to the organization, administration and contracted services of the environmental monitoring program, the inspector noted that this area was essentially the same as previously documented (NRC:I Inspection Report No. 50-201/77-05) with the exception of the contracted services. The inspector noted that the licensee had added an additional contracting laboratory for analysis of some samples. The inspector had no further questions in this area. No items of noncompliance were identified in this area.

3. Implementation of the Environmental Monitoring Program

The inspector reviewed the implementation of the environmental monitoring program in the following areas:

a. Cattaraugus Creek Sampling

The inspector examined the Cattaraugus Creek continuous sampler and verified that the sampler was operating. The inspector reviewed analytical data from September, 1977 to September, 1978 which indicated the licensee was following the sampling and analysis schedule required by his Technical Specifications.

b. Air Sampling

The inspector examined the three site perimeter environmental air sampling stations and verified they were operating and located as required. The inspector examined the air sampling analytical data from September, 1977 to September, 1978, and noted that samples were taken and analyzed as required by the licensee's Technical Specifications.

c. Buttermilk Creek Sampling

The inspector reviewed analytical data from September, 1977 to September, 1978 and determined the licensee was meeting his Technical Specification sampling and analysis requirements of both Buttermilk Creek water and silt. In addition, the inspector examined the sampling location for silt samples.

d. Direct Radiation

The inspector reviewed the results of the licensee's environmental direct radiation measurements. The inspector examined the licensee's raw TLD data from his contracting laboratory for the period July through August, 1978. The inspector also reviewed the TLD data in the licensee's Environmental Report for the period January through June, 1978. The inspector noted the licensee was meeting his Technical Specification requirements.

e. Other Samples

The inspector determined through review of records and discussions with the licensee that the licensee had taken the August, 1978, milk samples and the second and third quarter 1978 fish samples from Cattaraugus Creek as required by his Technical Specifications. The inspector noted that analysis of the above samples has not yet been completed by the licensee's contracting laboratory. In addition, the licensee stated that a deer sample would be taken during the 1978 deer hunting season.

The inspector had no further questions in the above areas. No items of noncompliance were identified.

4. Quality Control of Analytical Measurements

The inspector noted that the licensee's QC program was detailed in Section 7 of the Health and Safety Procedures Manual. The QC procedure assigns specific responsibilities for periodic reviews and audits of the program. The inspector noted the program provides for comparison of results from contracting laboratories. The inspector also noted the licensee performs daily source and background checks on his counters. The inspector reviewed this data for the period from January through September, 1978. The inspector reviewed the calibration of the licensee's multichannel analyzer performed on September 13, 1978. The inspector reviewed a Corporate Health and Safety Audit, which included environmental monitoring, dated April 24, 1978. In addition, the inspector reviewed Plant Quality Assurance Audit Tasks relating to environmental monitoring for the period July, 1977 to June, 1978. The inspector had no further questions in this area. The inspector noted that the licensee has no regulatory requirements in this area. No items of noncompliance were identified.

5. Nonradioactive Effluent Release Rates and Limits

The inspector reviewed the licensee's monitoring program for non-radioactive effluents and noted no specific requirements in this area. The licensee's nonradiological effluent sampling program is conducted under New York State Pollutant Discharge Elimination System (SPDES) Permit # NY 0000973 which became effective July 1, 1978 and expires July 1, 1983. The inspector examined a sample of licensee records for this program. The inspector had no further questions in this area. No items of noncompliance were identified.

6. Exit Interview

The inspector met with the licensee representatives (denoted in paragraph 1) at the conclusion of the inspection on October 26, 1978. The inspector summarized the purpose and scope of the inspection and findings.