

U. S. NUCLEAR REGULATORY COMMISSION
REGION I

Report No. 70-1100/82-05

Docket No. 70-1100 License No. SNM-1067 Safeguards Group 3

Licensee: Combustion Engineering, Inc.

P. O. Box 500

Windsor, Connecticut 06095

Facility Name: Combustion Engineering-Nuclear Fuel Manufacturing

Inspection at: Windsor, Connecticut

Inspection Conducted: June 1 through 4, 1982

Date of Last Material Control and Accounting Inspection: April 26-30, 1982

Type of Inspection: Unannounced, Material Control and Accounting

Inspectors: Arthur Della Ratta 6-24-82
A. Della Ratta, Auditor date

Harvey Zibulsky 6-24-82
H. Zibulsky, Chemist date

Approved by: A. T. Gody 6.25.82
A. T. Gody, Chief, Safeguards date
Section, Technical Programs Branch

Inspection Summary: Inspection on June 1-4, 1982 (Report No. 70-1100/82-05)

Areas Inspected: Internal Control; Physical Inventory; and Records and Reports. The inspection involved 47 inspector-hours on site by two NRC inspectors and was begun during regular hours.

Results: The licensee was in compliance with NRC requirements for the areas examined during the inspection.

Details

1. Key Persons Contacted

- * T. B. Bowie, Nuclear Materials Manager
- H. Cohen, Supervisor Accountability

The inspectors also interviewed or were in contact with other licensee employees involved with Nuclear Material Control and Production.

- * Present at exit interview.

2. 30703 - Exit Interview

The inspectors met with the licensee representative (denoted in paragraph 1) at the conclusion of the inspection on June 4, 1982, and summarized the scope and findings of the inspection.

3. 92713 - Independent Inspection Effort

No violations were identified.

The inspection results were attained through a tour of the plant. The inspectors observed (a) plant operations and personnel handlings of special nuclear material (SNM); and (b) adherence to procedures for monitoring for contamination at the point of exit from the material access area. No discrepancies were observed.

In addition, the inspectors observed the licensee's preparation of a fuel assembly for shipment.

4. 85210 - Storage and Internal Control

No violations were identified.

The inspectors reviewed the licensee's storage and internal control practices in ICA-1 (Warehouse area), ICA-4 (Bundle Area), and MBA-2 (Pellet Area).

All stored materials were identified by measured SNM quantities and enrichments. Type E seals were used on items for tamper safing. The seals and logs were controlled by the custodians. Only one authorized person may attest to the seal's application. The items were checked against the seal logs in each area and no discrepancies were noted.

All internal transfer tickets for the period December 1981 to May 1982 were checked for signature, measured quantities, location, and timeliness. No discrepancies were found.