



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA STREET, N.W.
ATLANTA, GEORGIA 30303

MAY 11 1979

Report No. 50-339/79-27

Licensee: Virginia Electric and Power Company
Richmond, Virginia 23261

Facility Name: North Anna 2

Docket No. 50-339

License No. CPPR-78

Safeguards Group No. IV

Inspector: J. W. Hodges

5/11/79
Date Signed

Approved by: F. P. Gillespie, Acting Section Chief,
MC&A Section, Safeguards Branch

5/11/79
Date Signed

SUMMARY

Inspection on April 25-27, 1979

Areas Inspected

This routine announced inspection involved 16 inspector-hours onsite in the area of material control and accounting.

Results

Of the one area inspected, no apparent items of noncompliance or deviation were identified in this area.

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DETAILS

1. Persons Contacted

Licensee Employees

W. R. Cartwright, Station Manager
*J. D. Kellams, Superintendent Station Operations
*S. L. Harvey, Operations Supervisor
*J. E. Streightiff, Nuclear Materials Accountability
D. Hopper, Health Physics Supervisor

*Attended exit interview

2. Exit Interview

The inspection scope and findings were summarized on April 27, 1979, with those persons indicated in Paragraph 1 above.

3. Licensee Action on Previous Inspection Findings

Not inspected.

4. Unresolved Items

Unresolved items were not identified during this inspection.

5. Material Control and Accounting

The license is required under 10 CFR 70.51(c) to establish, maintain and follow, written material control and accountability procedures which are sufficient to account for SNM in his possession. Accountability control procedures were reviewed by the inspector. These procedures describe a satisfactory accountability control system, have been approved by appropriate license management, and are being followed.

In accordance with the requirements of 10 CFR 70.51(b) the licensee maintains records showing the receipt and inventory (including location) of SNM in his possession. The licensee has established, and is maintaining, a system of internal control of fuel assemblies which provides for knowledge of the identity and current location of these assemblies. Tests were made of these records of internal movement of assemblies and no errors were noted.

A physical inventory of the 157 fuel assemblies was taken and all serial numbers verified. Internal records showing the current location of these assemblies were found to be correct. Calibration sources under the control of the Health Physics Department were also inventoried.

An audit was performed on the licensee's internal records of receipt and shipment of fuel assemblies. Material Status Reports (Form NRC 741) have been filed as required by 10 CFR 70.53 and they accurately reflect the licensee's activities for the periods covered. Material transfer forms have been filed in accordance with 10 CFR 70.54 and transfers of SNM have been restricted to authorized recipients.

A material balance statement for Unit 2, enriched uranium, as of April 27, 1979, is included in this report as exhibit 1.

An exit interview was held on April 27, 1979, with those persons indicated in paragraph 1 to discuss the findings of the inspection.

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EXHIBIT I

VIRGINIA ELECTRIC & POWER COMPANY NORTH ANNA POWER STATION - UNIT 2 MATERIAL BALANCE STATEMENT ENRICHED URANIUM AS OF APRIL 27, 1979

	NO. FUEL ASSEMBLIES	(GRAMS)	
		U	U
Beginning Inventory	-0-	-0-	-0-
Receipts			
Westinghouse	128	58,772,151	1,484,356
Westinghouse	32	14,671,648	423,274
Shipments			
Westinghouse	3	1,380,847	33,703
Balance 4/27/79	157	72,062,952	1,873,927

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