



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

JUN 25 1985

Report No.: 70-1201/85-03

Licensee: Babcock and Wilcox Company
Commercial Nuclear Fuel Plant
Lynchburg, VA 24505

Docket No.: 70-1201

License No.: SNM-1168

Facility Name: Commercial Nuclear Fuel Plant (CNFP)

Inspection Conducted: June 6, 1985

Inspector:

J. L. Kreh
J. L. Kreh

6-18-85

Date Signed

Approved by:

For

Walter W. Standberry
W. E. Cline, Chief

Emergency Preparedness Section

Division of Radiation Safety and Safeguards

6/18/85

Date Signed

SUMMARY

Scope: This routine, unannounced inspection entailed 8 inspector-hours onsite and one inspector-hour offsite in the area of emergency preparedness.

Results: No violations or deviations were identified.

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REPORT DETAILS

1. Persons Contacted

Licensee Employees

- *J. P. Watters, License and Control Administrator
- *K. E. Shy, Health Physicist
- *C. W. Speight, Manager, Facilities and Services
- *B. W. Pugh, Manager, Production & Materials Control
- *W. T. Engelke, Manager, Quality Assurance
- *J. Ficor, Manager, Major Vendor Quality

Other Organizations

- G. E. McGrath, Director, Personnel, Lynchburg General-Marshall Lodge Hospitals, Lynchburg, VA
- A. G. Kasenter, Radiological Physicist/Radiation Safety Officer, Lynchburg General-Marshall Lodge Hospitals

*Attended exit interview

2. Exit Interview (30703)

The inspection scope and findings were summarized on June 6, 1985, with those persons indicated in paragraph 1 above. The licensee did not identify as proprietary any of the materials provided to or reviewed by the inspector during this inspection.

3. Offsite Support Agencies (88050)

The inspector held discussions with license management representatives regarding the coordination of emergency planning with offsite agencies. Written agreements existed with those offsite support agencies specified in the Emergency Plan (EP). The agreements had been updated as appropriate. The inspector determined through the aforementioned discussions and a review of records that the licensee was periodically contacting local and State support agencies for purposes of offering training and maintaining familiarization with emergency response roles.

The inspector visited Lynchburg General-Marshall Lodge Hospitals and interviewed cognizant staff there regarding medical treatment for contaminated injured workers as specified in the agreement between the hospital and the licensee. Those interviewed were well acquainted with the emergency response role of the hospital in support of the licensee's facility. The inspector was given a tour of the emergency treatment facilities, and noted that they appeared fully adequate to handle their intended functions.

No violations or deviations were identified in this program area.

4. Emergency Plans, Procedures, Facilities, and Equipment (88050)

Based on documental review and discussions with a licensee representative, the inspector determined that there had been no significant changes in the EP since the last emergency preparedness inspection, conducted during December 1983. The licensee's emergency call list appeared to be current and was available for use at key locations.

The inspector selectively examined emergency kits/equipment and found them to be well maintained, with inspection and inventory performed quarterly. Portable radiological instruments were calibrated semiannually as required by the EP.

The inspector reviewed the plant evacuation routes and assembly points, and found no impediments to an orderly evacuation. Onsite medical facilities, equipment, and supplies were examined and found to be adequate.

The inspector reviewed the licensee's provisions for criticality-accident monitoring and collecting air samples outside the plant following an accident. The inspector examined one of the licensee's onsite continuous air sampling stations and found it to be operating properly.

No violations or deviations were identified in this program area.

5. Test and Drills (88050)

Discussions with licensee personnel and a review of records confirmed that tests and drills were conducted in accordance with EP Section 7.3. Internal correspondence documented the critiques of the annual emergency drills conducted on 12-19-83 and 11-13-84. The inspector reviewed documentation which showed that appropriate follow-up action was taken to correct problems identified during the drills.

No violations or deviations were identified in this program area.

6. Fire Protection (88050)

The inspector discussed this area with licensee representatives. Six persons were trained and qualified for the Fire Brigade, according to licensee records. Selected equipment and facilities were examined and found to be checked and maintained as required by the license.

No violations or deviations were identified in this program area.

7. Inspector Follow-up (92701)

- a. (Closed) Inspector Follow-up Item (IFI) 70-1201/83-14-01: Conducting drills involving classifications higher than Notification of Unusual Event. The 1984 drill involved the plant emergency organization in a simulated emergency (a major fire) which was classified as an Alert.

- b. (Closed) IFI 70-1201/83-14-02: Lowering the dose criterion for medical follow-up. Section 3.2 of EP Exhibit D specified 10 rads (formerly 30 rads) as the criterion for hospital follow-up evaluation.
- c. (Closed) IFI 70-1201/84-IN-92: Cracking of flywheels on Cummins fire pump diesel engines. Although the Cummins engines in question were part of the system which supplied water to CNFP for fire fighting, the maintenance of those engines was entirely the responsibility of the Naval Nuclear Fuel Division.