

JUN 15 1994

Docket No. 70-1100

Mr. John Conant
Facilities Manager
Combustion Engineering, Inc.
1000 Prospect Hill Road
Windsor, Connecticut 06095-0500

Dear Mr. Conant:

Subject: NRC Inspection No. 70-1100/94-01

An announced safety inspection of NRC licensed activities was conducted at your facility by Mr. J. Noggle of this office on May 16-18, 1994. The inspection findings were discussed by Mr. Noggle with you and members of your staff on May 18, 1994. Additional data were supplied by members of your staff on May 23, 1994, and May 26, 1994. Supplemental inspection findings were discussed by Mr. Noggle with you by telephone on May 26, 1994.

Areas reviewed during the inspection are important to health and safety and are discussed in the enclosed inspection report. These areas included: audits and surveillances, organization changes, operations, radiation protection, effluent releases, and transportation of radioactive material.

The inspection occurred after the conclusion of a licensee-requested 30-day deactivation and suspension of the license conditions, during which time Buildings 17 and 21 were secured from all activities involving licensed materials and British Nuclear Fuels, Limited (BNFL) personnel arrived on site to begin decontamination and decommissioning of the fuel fabrication facility (Building 17) and associated warehouse (Building 21). No decontamination/decommissioning activities were in progress at the time of this inspection.

In April 1994, a new organizational structure was implemented at your facility, including placement of BNFL personnel in some positions formerly occupied by CE personnel. Several program elements had been transferred to the new radiation protection organization but had not been fully assimilated or reactivated at the time of the inspection. These areas include the tracking of personnel exposures, gaseous and airborne effluent releases, and an As Low As Is Reasonably Achievable (ALARA) program for 1994. We understand that your decontamination operations will not begin until these program elements have been reactivated for the protection and safety of the workers and the public.

A review of the safety program elements specified in license requirements was made by the inspector, who determined they were met for 1993, with one exception. As of May 18,

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1994, the liquid effluent discharge tank level indicators had not been calibrated for several years. This item had been identified by your 1993 environmental program audit; however, corrective actions had not been implemented effectively to resolve this license requirement. This failure to calibrate the instrumentation is a violation of SNM-1067, License Condition S-6. A Notice of Violation (Notice) is enclosed.

Due to the lack of available records, two unresolved items were identified. Liquid effluent release data to demonstrate compliance with discharge concentration limits were not available as of May 26, 1994. A second unresolved item involved the unmonitored disposal of sanitary sewage waste to the Metropolitan District Commission (MDC) that was observed during this inspection. You indicated that the sanitary sewage piping system has always been isolated from the contaminated waste systems; however, records were not available for us to verify that sampling of the sanitary sewage system was not required. These items will remain unresolved pending receipt of applicable documentation and review of that documentation by the NRC.

You are required to respond to this letter and the enclosed Notice and should follow the instructions specified in the enclosed Notice when preparing your response. In your response, you should document the specific corrective actions taken and any additional actions you plan to prevent recurrence.

The response directed by this letter and the enclosed Notice are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, Pub. L. No. 96-511.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice", a copy of this letter and its enclosures will be placed in the NRC Public Document Room.

Your cooperation with us is appreciated.

Sincerely,

Original Signed By:
Ebe C. McCabe

James H. Joyner, Chief
Facilities Radiological Safety
and Safeguards Branch
Division of Radiation Safety
and Safeguards

Enclosures:

1. Notice of Violation
2. NRC Inspection Report No. 70-1100/94-01

cc w/encls:

R. S. Siudek, President - Nuclear Operations

S. B. Junkrans, Vice President, Fuel Operations

C. B. Brinkman, Manager, Washington Nuclear Operations

L. V. Corsetti, Manager, Core Materials Development

J. M. Limbert, Radiation Safety Officer

M. A. Michelsen, Licensing Engineer

Public Document Room (PDR)

Local Public Document Room (LPDR)

Nuclear Safety Information Center (NSIC)

State of Connecticut

bcc w/encls:

Region I Docket Room (with concurrences)

J. Noggle, DRSS

T. Johnson, NMSS

S. Soong, NMSS

M. Tokar, NMSS

W. Dean, OEDO

RI:DRSS

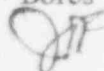
Noggle

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RI:DRSS

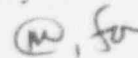
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RI:DRSS

Joyner



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