



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

November 2, 1987

Docket No. 99900002/87-01

Combustion Engineering, Incorporated
Power Systems Group
ATTN: Dr. P. L. McGill
Vice President, Nuclear Fuel
1000 Prospect Hill Road
Windsor, Connecticut 06095

Gentlemen:

The first page of our letter to you dated October 28, 1987, which transmitted inspection report No. 99900002/87-01 contained a typographical error in the third paragraph. Enclosed is a corrected page to replace the original. Copies of the corrected page are being transmitted to recipients of the original letter.

Sincerely,

A handwritten signature in cursive script that reads "James C. Stone".

James C. Stone, Acting Chief
Vendor Inspection Branch
Division of Reactor Inspection and Safeguards
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc: see next page

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PDR GA999 EMVC-E
99900002 PDR

Combustion Engineering,
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November 2, 1987

cc: Baltimore Gas and Electric Company
ATTN: Mr. J. A. Tiernan
Vice President, Nuclear Energy
Gas and Electric Building
P. O. Box 1475
Baltimore, Maryland 21203

Maine Yankee Atomic Power Company
ATTN: Mr. John B. Randazza
Executive Vice President
83 Edison Drive
Augusta, Maine 04336

Arkansas Power and Light Company
ATTN: Mr. Gene Campbell
Vice President, Nuclear Operations
P. O. Box 551
Little Rock, Arkansas 72203

Florida Power and Light Company
ATTN: Mr. C. O. Woody, Group Vice President
Nuclear Energy Department
P. O. Box 14000
Juno Beach, Florida 33408

Yankee Atomic Electric Company
ATTN: Mr. George Papanic, Jr.
Senior Project Engineer, Licensing
1671 Worcester Street
Framingham, Massachusetts 01701

Southern California Edison Company
ATTN: Mr. Kenneth P. Baskin, Vice President
Nuclear Engineering, Safety and Licensing
P. O. Box 800
2244 Walnut Grove Avenue
Rosemead, California 91770

Arizona Public Service Company
ATTN: Mr. E. E. Van Brunt, Jr.
Executive Vice President
Arizona Nuclear Power Project
P. O. Box 52034
Phoenix, Arizona 85072-2034

Omaha Public Power District
ATTN: Mr. R. L. Andrews
Division Manager, Nuclear Production
1623 Harney Street
Omaha, Nebraska 68102



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ATTN: Dr. P. L. McGill
Vice President, Nuclear Fuel
1000 Prospect Hill Road
Windsor, Connecticut 06095

Gentlemen:

This letter addresses the inspection of your facility at Windsor, Connecticut, conducted by Mr. R. L. Cilimberg and Mr. D. Lynn of this office on August 24-28, 1987, and the discussions of their findings with you and other members of your staff at the conclusion of the inspection.

The purpose of this inspection was to review the fuel assembly fabrication activities associated with Combustion Engineering (CE) and the implementation of the quality assurance (QA) program at your Windsor facility. The inspection included a review of tubing manufacturing and testing, fuel pellet manufacturing and testing, follow-up corrective action on previous inspection findings, and evaluations by CE of leaking fuel at various facilities. Areas examined during the inspection and the findings are discussed in the enclosed report. This inspection consisted of an examination of procedures and representative records, interviews with personnel, and observations by the inspectors.

During the inspection, it was found that implementation of your QA program failed to meet certain NRC requirements. The most serious finding was an unresolved item pertaining to an allegation that oversized fuel pellets had been put in trays containing acceptable fuel pellets by CE employees during 1985 and 1986. We specifically request that you respond to this allegation. This response should determine whether the allegation is substantiated or not substantiated, and describe corrective action taken or planned to prevent recurrence if the allegation is substantiated. Other findings included the failure to install protector caps on the machined ends of guide tubes and a door to the fuel and pellet stacking and loading room was propped open. Weaknesses in your QA program were recognized by CE when a stop work order was issued by the CE QA Manager on August 27, 1987. An area of major concern is the safety significance of fuel pellets that do not meet dimensional specifications being installed in fuel rods which may possibly be in 13 operating reactors. The specific findings and references to the pertinent requirements are identified in the enclosures to this letter.

Please provide us within 30 days from the date of this letter a written statement containing:

- (1) a description of steps that have been or will be taken to correct these items;

Combustion Engineering,
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OFC	: VIB: DRIS	: ASC/ VIB: DRIS	: ABC/ VIB: DRIS	:	:	:
NAME	: RCilimberg: tt	: EBaker	: JStone	:	:	:
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