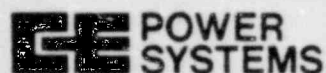


C-E Power Systems
Combustion Engineering, Inc.
1000 Prospect Hill Road
Windsor, Connecticut 06095

Tel. 203/688-1911
Telex: 99297



Docket No.: STN-50-^{-470F}~~740F~~

July 29, 1981
LD-81-039

Mr. James R. Miller, Branch Chief
Standardization and Special Projects Branch
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Subject: CESSAR-F Amendment No. 4

Dear Mr. Miller:

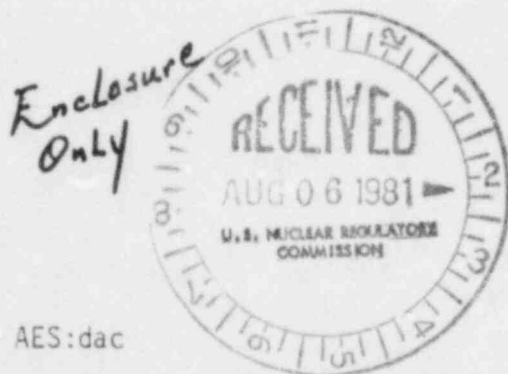
Combustion Engineering, Inc. hereby submits for your review seventy (70) copies of Amendment No. 4 (non-proprietary) to CESSAR-F. This amendment provides Sections 6.2.1.5 and 6.3.3 which are affected by incorporation of the extended fuel cycle in Amendment No. 3 (Section 4.3). Major areas of change in this amendment are a new large break LOCA analysis incorporating extended fuel cycle parameters and a modification of the post-LOCA long term cooling section to discuss emergency procedure guidelines. Please note that the "References" section for 6.3.3.3 has been combined into those for Section 6.3.3.

A minor change to Section 15.D.4 (affected by the extended fuel cycle) will be incorporated in the revision of Chapter 15 presently being performed in response to RSB questions and will be provided in draft form by the end of July.


If we can be of any additional assistance, please feel free to contact either myself or Mr. G. A. Davis of my staff at (203)688-1911, Extension 2803.

Very truly yours,

COMBUSTION ENGINEERING, INC.



AES:dac


A. E. Scherer
Director
Nuclear Licensing

8/6/81
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51/10

8/9/81
E003
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PDR ADOCK 05000470
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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of:

Combustion Engineering, Inc.

Standard Plant

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DOCKET NO. STN 50-470F

APPLICATION FOR REVIEW OF
"COMBUSTION ENGINEERING STANDARD
SAFETY ANALYSIS REPORT,"
AMENDMENT NO. 4

J. M. West, being duly sworn, states that he is Vice President,
Nuclear Power Systems, Combustion Engineering, Inc.; that he is authorized
on the part of said corporation to sign and file with the Nuclear Regulatory
Commission this Amendment; and that all statements made and matters set
forth therein are true and correct to the best of his knowledge, information
and belief.

Subscribed and sworn to before me

This _____ day of _____ 19 _____

DAWN E. SANDER, NOTARY PUBLIC
State of Connecticut No. 61536
Commission Expires March 31, 1986

COMBUSTION ENGINEERING, INC.

By _____

J. M. West
Vice President
Nuclear Power Systems