



Docket No.: STN-50-470F

October 30, 1981  
LD-81-076

Mr. Darrell G. Eisenhut, Director  
Division of Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Subject: CESSAR-F Safety Evaluation Report

Dear Mr. Eisenhut:

During the review of the Combustion Engineering Standard Safety Analysis Report - FSAR (CESSAR-F), NRC staff reviewers have identified potential open items for the CESSAR-F Safety Evaluation Report. Resolution of four (4) of these items is provided below:

1. Low Temperature Overpressure Protection (LTOP) Alarm

CESSAR-F will be amended to include a low temperature overpressure protection alarm to indicate in the event that a LTOP were to occur.

2. Shutdown Cooling System (SDCS) Isolation Valve Position Alarm

CESSAR-F will be amended to include an alarm on SDCS isolation valve position. The alarm will alert the operator if the SDCS isolation valves are not properly aligned for LTOP protection, when required.

3. Small Steam Line Break - Radiological Consequences

CESSAR-F will be amended to provide the Small Steam Line Break analyses, as agreed in the meeting with Director of Division of Systems Integration on September 17, 1981. The analyses will show that the calculated radiological release dose will meet the SRP acceptance criterion.

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4. Steam Generator Tube Rupture - Radiological Consequences

CESSAR-F will be amended to provide a revised analysis of the Steam Generator Tube Rupture with Loss of Offsite Power event, using more realistic assumptions. The analysis will show that the calculated radiological release dose will meet the SRP acceptance criterion.

This information is provided to enable the NRC staff to satisfactorily complete the CESSAR Safety Evaluation Report sections that address these issues. If I can be of any additional assistance in this matter, please contact me or Mr. G. A. Davis of my staff at (203)688-1911, Extension 2803.

Very truly yours,

COMBUSTION ENGINEERING, INC.



A. E. Scherer  
Director  
Nuclear Licensing

AES:dac