



July 16, 1979  
PRN-AD-79-71  
File: 20,000.3

Mr. Robert W. Reid, Chief  
Operating Reactors Branch #4  
Division of Operating Reactors  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Subject: Request for Additional Information Regarding Small Break LOCA  
Analysis

Reference: (A) Ltr. R. W. Reid to all Combustion Engineering Designed  
Operating Reactors, dated June 5, 1979

Enclosure: (1) CEN-114-P, Review of Small Break Transients in Combustion  
Engineering Nuclear Steam Supply Systems (Copy Number 000036  
through 40)

(2) Proprietary Information Affidavit for CEN-114-P

Dear Mr. Reid:

Reference (A) transmitted an NRC request for additional information concerning the Small Break LOCA analysis in the light of events which occurred at Three Mile Island Unit 2. As a result of this request, an Owners Group was formed which has worked closely with Combustion Engineering, Incorporated to produce the requested response. Enclosure (1) contains this information per the schedule agreed upon in a meeting of the Owners Group, Combustion Engineering and the NRC which took place on July 2, 1979 with an exception discussed in the following paragraph. This information is generic in nature and applies to all operating Combustion Engineering Designed Reactors.

It is our intention to forward the response to questions 9 and 10 of Reference (A) on July 30, 1979 as an amendment to CEN-114-P. Due to constraints imposed by the work load, the response to question 13 will also be submitted with the responses to questions 9 and 10 in the July 30, 1979 Amendment. Non-proprietary versions of the report will be forwarded when complete.

Due to the proprietary nature of some of the material contained in CEN-114-P, we request that it be withheld in accordance with provisions of 10 CFR 2.790 and that this material be safeguarded. The reasons for the classification of this material as proprietary are delineated in the enclosed affidavit.

The C-E Operating Plant Owners Group has been working with your staff in the areas of analysis and emergency procedure guidelines and I believe this process has developed a mutual understanding of needs and goals.

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PROPOSED  
ADVANCED  
TO:  
D ROSS  
B SHERON (4)  
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Following submittal of our report we understand that you will prepare an evaluation of operating C-E plants and will make recommendations to enhance the plants' performance.

We ask that you allow us to work with you in preparing these recommendations and would like the opportunity to exchange ideas with the objective being to develop the most meaningful and effective recommendations.

Should questions arise concerning this report or other aspects of the Owners Group, please feel free to contact myself at (305) 552-3811 or Mr. Ken Morris of Omaha Public Power District at (402) 536-4504.

Very truly yours,

  
G. E. Liebler  
Chairman, C-E Owners Group

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AFFIDAVIT PURSUANT

TO 10 CFR 2.790

Combustion Engineering, Inc.     )  
State of Connecticut            )  
County of Hartford               )     SS.:

I, A. E. Scherer depose and say that I am the Manager, Licensing of Combustion Engineering, Inc., duly authorized to make this affidavit, and have reviewed or caused to have reviewed the information which is identified as proprietary and referenced in the paragraph immediately below. I am submitting this affidavit in conformance with the provisions of 10 CFR 2.790 of the Commission's regulations and in conjunction with the applications of those utilities operating nuclear power plants with Combustion Engineering designed nuclear steam supply systems (Arkansas Power & Light Co., Baltimore Gas & Electric Co., Consumers Power Co., Florida Power & Light Co., Northeast Utilities, Omaha Public Power District and Yankee Atomic Electric Company) for withholding this information.

The information for which proprietary treatment is sought is contained in the following document:

CEN-114-P, "Review of Small Break Transients in Combustion Engineering Nuclear Steam Supply Systems."

This document has been appropriately designated as proprietary.

I have personal knowledge of the criteria and procedures utilized by Combustion Engineering in designating information as a trade secret, privileged or as confidential commercial or financial information.

Pursuant to the provisions of paragraph (b) (4) of Section 2.790 of the Commission's regulations, the following is furnished for consideration

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by the Commission in determining whether the information sought to be withheld from public disclosure, included in the above referenced document, should be withheld.

1. The information sought to be withheld from public disclosure is computer modeling methods related to small break loss of coolant accidents which is owned and has been held in confidence by Combustion Engineering.

2. The information consists of test data or other similar data concerning a process, method or component, the application of which results in a substantial competitive advantage to Combustion Engineering.

3. The information is of a type customarily held in confidence by Combustion Engineering and not customarily disclosed to the public. Combustion Engineering has a rational basis for determining the types of information customarily held in confidence by it and, in that connection, utilizes a system to determine when and whether to hold certain types of information in confidence. The details of the aforementioned system were provided to the Nuclear Regulatory Commission via letter DP-537 from F.M. Stern to Frank Schroeder dated December 2, 1974. This system was applied in determining that the subject documents herein are proprietary.

4. The information is being transmitted to the Commission in confidence under the provisions of 10 CFR 2.790 with the understanding that it is to be received in confidence by the Commission.

5. The information, to the best of my knowledge and belief, is not available in public sources, and any disclosure to third parties has been made pursuant to regulatory provisions or proprietary agreements which provide for maintenance of the information in confidence.

6. Public disclosure of the information is likely to cause substantial harm to the competitive position of Combustion Engineering because:

a. A similar product is manufactured and sold by major pressurized water reactors competitors of Combustion Engineering.

b. Development of this information by C-E required thousands of man-hours of effort and hundreds of thousands of dollars. To the best of my knowledge and belief a competitor would have to undergo similar expense in generating equivalent information.

c. In order to acquire such information, a competitor would also require considerable time and inconvenience related to computer modeling techniques.

d. The information required significant effort and expense to obtain the licensing approvals necessary for application of the information. Avoidance of this expense would decrease a competitor's cost in applying the information and marketing the product to which the information is applicable.

e. The information consists of computer modeling methods the application of which provides a competitive economic advantage. The availability of such information to competitors would enable them to modify their product to better compete with Combustion Engineering, take marketing or other actions to improve their product's position or impair the position of Combustion Engineering's product, and avoid developing similar data and analyses in support of their processes, methods or apparatus.

f. In pricing Combustion Engineering's products and services, significant research, development, engineering, analytical, manufacturing,

licensing, quality assurance and other costs and expenses must be included. The ability of Combustion Engineering's competitors to utilize such information without similar expenditure of resources may enable them to sell at prices reflecting significantly lower costs.

g. Use of the information by competitors in the international marketplace would increase their ability to market nuclear steam supply systems by reducing the costs associated with their technology development. In addition, disclosure would have an adverse economic impact on Combustion Engineering's potential for obtaining or maintaining foreign licensees.

Further the deponent sayeth not.

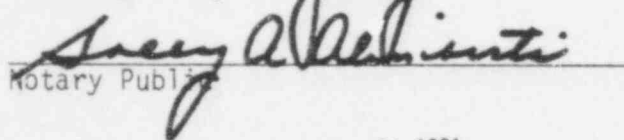


A. E. Scherer

Manager, Licensing

Sworn to before me

this 18 day of July



Notary Public

Commission Expires Mar. 31, 1981