



UNITED STATES  
ATOMIC ENERGY COMMISSION  
WASHINGTON, D.C. 20545

50-249

Docket No. 50-237

JUL 24 1970

Commonwealth Edison Company  
P. O. Box 767  
Chicago, Illinois 60690

Attention: Mr. Byron Lee, Jr.  
Assistant to the President

Gentlemen:

During its meeting held on July 9-11, 1970, the Advisory Committee on Reactor Safeguards completed its review of furnace-sensitized stainless steel (FSSS) components in the primary system of Dresden Unit 2. A copy of the Committee's report, dated July 17, 1970, is enclosed.

In its report the Committee commented on certain matters that will require either additional information or action by your company to enable us to complete our review of this subject for Unit 2. These matters include additional inspection of FSSS safe ends on an inspection frequency greater than that presently required by the Unit 2 Technical Specifications. Special emphasis was made in the report to the means that you will provide to remove gases from high points in the core spray piping system and in other systems if necessary. The Committee also suggested that consideration be given to replacement of two core spray nozzle safe ends. We agree with the Committee on these points and request information on your consideration of these matters, including any plans and programs you have developed for implementation of these comments and suggestions.

The Committee further stated that an independent check should be made of stresses in the 'as-built' piping of the primary system and that displacements should be observed in the hot condition.

Attention to improvement in your leak detection and location system was also noted in the Committee's letter. In addition, the adequacy of the biological shield to accommodate the consequences of a safe end rupture or nozzle leak of equivalent cross-section should be determined.

*Info add*

JUL 24 1970

We will need the results of your review and evaluation of the matters raised in the Committee's report. In matters where actions may involve plant modifications, please provide us with your plans and schedule for such implementation. Some of the information required was requested in our July 17, 1970 letter to you on the recent Dresden Unit 2 operational transient.

As discussed with you on previous occasions, the matter of replacement and/or repair of FSSS components in the Unit 2 primary system has not been completely resolved. We believe that actions involving inspection and surveillance of these components should be considered only as an interim action and that future planning for the first refueling outage should not preclude possible replacement and/or repair of safety-related FSSS components.

Sincerely yours,

Original Signed by  
Peter A. Morris

Peter A. Morris, Director  
Division of Reactor Licensing

Enclosure:

ACRS Report on Unit 2  
dtd 7/17/70

cc: Arthur C. Gahr, Esquire  
Isham, Lincoln & Beale  
Counselors at Law  
72 West Adams Street  
Chicago, Illinois 60690

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