



Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
Chicago, Illinois 60690

50-237

March 1, 1983

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Dresden Unit 2
28 inch Furance Sensitized
Safe End (FSSE) Flaw Repair Program.
NRC Docket No. 50-237

Dear Mr. Denton:

By this letter, we are formally submitting our repair program for the 28 inch diameter FSSE on Dresden Station Unit 2, as previously presented at meetings with your staff on February 8 & 9, 1983. Attachment A, presents General Electrical's crack growth analysis for this specific flaw and shows the crack will not exceed ASME Code allowables during the next fuel cycle.

Therefore we are committing to the following actions in lieu of repairing the FSSE during the current outage:

1. The safe end will be replaced during the next refueling outage unless technological advancement proves it not necessary.
2. A mid-cycle (9 months \pm 3 months) ultrasonic inspection will be performed.
3. For Unit 2 Dresden Station will increase the containment floor drain and equipment drain surveillance from once every 8 hours to once every 4 hours. If the leakage increases by 1 gpm within a 4 hour period, an investigation will be initiated to determine the source of that leakage.

The forementioned actions were discussed with your staff and we received verbal agreement that this plan adequately resolves this issue.

Additionally we are planning to operate Unit 2 with hydrogen injection to reduce or eliminate IGSCC. Therefore, we have provided Attachment 2, describing the benefits of Hydrogen Water Chemistry.

Appl

8303080247 830301
PDR ADQCK 05000237
PDR

Both Attachments A & B are proprietary and affidavits are enclosed, signed by General Electric, owner of the information.

The affidavits set forth the basis on which the information may be withheld from public disclosure by the Commission, and addresses with specificity the considerations listed in paragraph (b) (4) of Section 2.790 of the Commission's regulations.

Accordingly, it is respectfully requested that the information which is proprietary to General Electric Inc. be withheld from public disclosure in accordance with 10 CFR Section 2.790 of the Commission's regulations. Correspondence with respect to the proprietary aspects of this application for withholding or the supporting GE affidavit should be addressed to Mr. Glenn G. Sherwood, Manager, Safety & Licensing Operation, General Electric Company, San Jose, California.

Please address any questions you have to this office.

One (1) signed original and forty (40) copies of this letter are enclosed. In addition, Six (6) copies of this letter with the proprietary attachments and affidavits are also being provided at this time.



B. Rybak

Nuclear Licensing Administrator

cc: Region III - Dresden

Attachments (A): "Evaluation of the Recirculation Outlet Safe End Indications in the Dresden Nuclear Power Plant Unit 2" dated February 1983 - General Electric Report NEDE-30063.
(Proprietary-affidavits attached.)

(B): "Benefits of Hydrogen Water Chemistry" dated February 1983 - General Electric Report NEDE-30064.
(Proprietary-affidavits attached.)

6102N