

Commonwealth Edison Company

ONE FIRST NATIONAL PLAZA ★ CHICAGO, ILLINOIS

Address Reply to:

POST OFFICE BOX 767 ★ CHICAGO, ILLINOIS 60690

October 16, 1970



Dr. Peter A. Morris, Director
Division of Reactor Licensing
U.S. Atomic Energy Commission
Washington, D.C. 20545

Subject: Additional information relative to (1) Provisional Operating License DPR-19, Dresden Unit 2, AEC Docket 50-237, and (2) The Application for a Construction Permit and Operating License for Dresden Unit 3, AEC Docket 50-249.

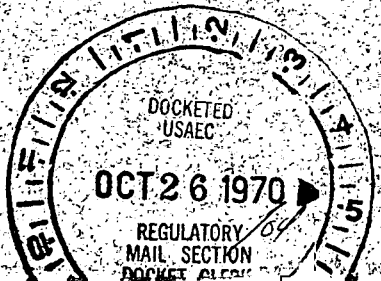
Dear Dr. Morris:

Regulatory File Cy.

The purpose of this letter is to confirm the information given Mr. Lainas of your staff and Mr. Maccary of the Division of Reactor Standards by our Mr. E. C. Bailey during their discussion of Dresden Units 2 and 3 welding procedures, their qualification and performance. This discussion was held in your offices at Bethesda, Maryland on Wednesday, September 30, 1970.

Our Mr. Bailey said that the same designers, the same fabricators and the same field erectors worked on the piping for Dresden Units 2 and 3. He pointed out that as a result of our experience with Dresden Unit 1, we are very cognizant of the importance of interpass temperature during welding of 300 series stainless steel pipe as a means of controlling sensitization of the base metal in the heat affected zones and keeping it to a minimum. He said that records of interpass temperatures measured on welds made in the fabricators' shops are available on the Shop Traveler Inspection Sheets and examination of these records by General Electric and Commonwealth Edison representatives during audits of fabricating shop performance has shown that the specifications which call for shop welds to be made with a maximum interpass temperature of 350°F have been met. Copies of three M. W. Kellogg Co. Welding Procedures requiring a maximum interpass temperature of 350°F are enclosed for your files. Other procedures will be made available, if desired.

He also said that the field welds had been performed using a maximum interpass temperature of 300°F and displayed procedure specifications and construction test forms showing this. Copies of four Procedure Specifications and four Construction Test Forms are also included for your files. He pointed out that in the case of field welds, the interpass temperature is controlled through use of a contact



3418

Dr. Peter A. Morris

- 2 -

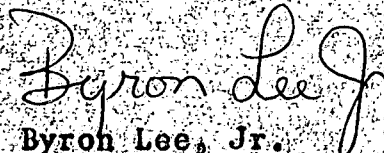
October 16, 1970

thermometer used by the welder. The piping contractors, the general contractors, General Electric and Commonwealth Edison inspectors observed and audited the field work.

This information is being furnished to show that the primary piping system of Dresden Unit 3 does not include any severely weld-sensitized heat affected zones in wrought piping (Type 304, 316). This same information also applies to Dresden Unit 2.

In addition to 3 signed originals, 19 copies of this information are also submitted.

Very truly yours,



Byron Lee, Jr.
Assistant to the President

SUBSCRIBED and SWORN to
before me this 16th day
of October, 1970.


Patricia A. Nelson
Notary Public