



Commonwealth Edison

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December 14, 1983

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

Subject: Byron Generating Station Units 1 and 2
Procedures Generation Package
NRC Docket Nos. 50-454 and 50-455

Reference: a) December 17, 1983 Supplement 1 to NUREG-0737
(Generic Letter 82-33)
b) April 14, 1983 letter from Cordell Reed
to H. R. Denton

Dear Mr. Denton,

This is to provide information regarding the emergency operating procedures to be used during initial operation of Byron 1. This is not the Procedures Generation Package that is necessary to satisfy the NRC requirement imposed in reference (a) regarding NUREG-0737 item III.A.1.2. As described in reference (b), the Byron emergency operating procedures will be revised in the future to incorporate revision 1 of the Westinghouse Owners' Group (WOG) Emergency Procedures Guidelines. A Procedures Generation Package will be submitted for that revision to satisfy the requirements of NUREG-0737, Supplement 1. This letter only transmits information requested by the NRC personnel regarding the initial plant procedures.

The generic technical guidelines for the initial Byron emergency operating procedures are the Rev-Basic WOG Emergency Response Guidelines (High Pressure) which have been reviewed and commented upon by the NRC. To develop plant specific procedures we used a four man writer team consisting of an electrical engineer, a mechanical engineer, a previous RO license holder with large PWR 4 loop experience, and a Shift Foreman with extensive in-plant experience. The writer team reviewed the reference plant design used in the generic guidelines. The writers were instructed not to deviate from the WOG generic guidelines unless it was necessary due to specific plant design or operating characteristics. Any changes made to the generic guidelines were documented. In addition, any setpoint that required off-site calculation was also documented.

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Plant specific procedures were reviewed by the writer team as a group, reviewed and approved by the On-Site Review Board, and were reviewed by Westinghouse. The procedures will be verified and validated in accordance with the enclosed "Byron Station Emergency Operating Procedures Validation and Verification Guide," (HP, Basic, Rev.0)."

To assure that the plant specific procedures would be generated in a uniformly acceptable manner, they were all written using the enclosed writer's guide: "Byron Emergency/Abnormal/Critical Safety Function Procedure Writer's Guide," BAP 1310-A3, Revision 0. To aid in the NRC review of this information, also enclosed is the current procedure which explains the use of procedures at Byron: "Use of Procedures for Operating Department," BAP 300-11, Revision 2.

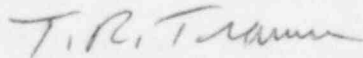
The operator training program for these initial emergency procedures is described in the following lesson plans:

- 1) "BFR Lesson Plan", Rev. 0.
- 2) "BEP-3, BEP ES-3.1, 3.2A, 3.2B, 3.3 Lesson Plan", Rev. 0.
- 3) "Status Trees Lesson Plans", Rev. 0.
- 4) "BEP-1 and ES-1 Lesson Plan", Rev. 0.
- 5) "BEP-2, ES-2.1, ES-2.2 Lesson Plan", Rev. 0.
- 6) "Emergency/Abnormal Procedures Introduction Lesson Plan", Rev. 0.
- 7) "BEP-0 and BEP ES-0.1, 2 and 3 Lesson Plan", Rev. 0.
- 8) "BCA Lesson Plan", Rev. 0.

One signed original and fifteen copies of this letter and the enclosures are provided for NRC review. One copy of each of the lessons plans has been forwarded under separate cover to L. N. Olshan.

Please address further questions regarding this matter to this office.

Very truly yours,



T. R. Tramm
Nuclear Licensing Administrator

Enclosures