



**Commonwealth Edison**

One First National Plaza, Chicago, Illinois

Address Reply to: Post Office Box 767  
Chicago, Illinois 60690

March 26, 1985

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  
Braidwood Generating Station Units 1 and 2  
Emergency Operating Procedures  
NRC Docket Nos. 50-454/455 and 50-456/457

References (a): December 14, 1983 letter from T. R.  
Tramm to H. R. Denton.

(b): January 5, 1984 letter from T. R. Tramm  
Tramm to H. R. Denton.

(c): September 24, 1984 letter from T. R.  
Tramm to H. R. Denton.

Dear Mr. Denton:

This letter provides the Procedures Generation Packages (PGP), one each for Byron and Braidwood, which are being used to upgrade each station's emergency operating procedures. These procedure changes are being made to satisfy the requirements of NUREG-0737, Supplement 1, regarding Revision 1 of the Westinghouse Owners Group (WOG) Emergency Procedure Guidelines (EPG's).

As indicated in references (a) and (b), the present Byron emergency operating procedures (EOP's) are based upon the Rev-Basic EPG's. In reference (c) we indicated that our PGP's for the Revision 1 EPG's would be provided within 3 months of the NRC's approval. We understand that Revision 1 was approved on December 27, 1984.

The enclosed Byron PGP contains all the guidance used to draft Byron 1 EOP's. This drafting process is complete and the upgraded EOP's are in the review process. The upgraded EOP's will be implemented by December 27, 1985. The initial Byron 2 EOP's will be identical to the upgraded Byron 1 EOP's, except for minor changes necessary to correctly reflect the Byron 2 component identification and equipment configuration.

8507050234 850326  
PDR ADOCK 05000454  
F PDR

*Handwritten:* A003  
1/30

March 26, 1985

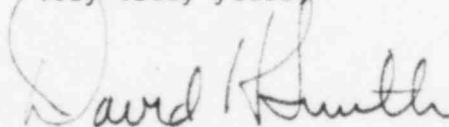
The enclosed Braidwood PGP is nearly identical to the Byron PGP. The differences are described in the attachment to this letter. As with Byron, the Braidwood PGP contains all of the guidance used to draft the Braidwood 1 EOP's. Most of the EOP's have been drafted and are in review. The drafting process will be completed in a few weeks. The revisions will be implemented by Unit 1 fuel load. Braidwood Unit 2 EOP's will be identical to the completed Braidwood Unit 1 EOP's except, as at Byron, for minor changes necessary to reflect Braidwood Unit 2 component identification and equipment configuration.

Close coordination has been maintained between Byron and Braidwood to ensure that the Braidwood EOP's are as nearly identical to Byron's as the station configuration permits. Byron's EOP's were actually used as a first draft from which Braidwood's EOP's grew. This similarity makes it possible to reduce the effort involved in validation and verification of the upgraded EOP's. We intend to take advantage of this close coupling by allowing Braidwood to take credit for Byron procedure validations. In a similar fashion, Byron will take credit for Braidwood's verification of its EOP's. The basis for concluding that the EOP's are sufficiently similar will be established by a documented comparison study.

Please address further questions regarding this matter to this office.

One signed original and fifteen copies of this letter and the enclosures are provided for NRC review.

Very truly yours,



David H. Smith  
Nuclear Licensing Administrator

lm

cc: Byron Resident Inspector  
Braidwood Resident Inspector

Attachment

Enclosures (1): "Byron Station Unit 1, Procedure Generation Package", February 28, 1985  
(2): "Braidwood Station Unit 1, Procedure Generation Package", March 5, 1985.

# ATTACHMENT

## BYRON/BRAIDWOOD EOP (REVISION 1) PROCEDURED GENERATION DIFFERENCES

Section	Paragraph	Difference	Reason
All	Various	Byron/Braidwood Procedure Designators and numbers (Non BwEOPs/BEOPs only)	Procedure numbers reflect site specific procedure designations eg. BAP (Byron Administrative Procedure) vs BwAP (Braidwood Administrative Procedure).
Writers Guide	II References	Some Byron administrative procedures have been deleted from Braidwood references.	Plant specific procedure differences
EOP Training Program	2.0 (Schedule)	Training Schedule	Braidwood Schedule reflects the Braidwood Cold License Training Schedule
Plant Description	2.8 SI System (Charging Subsystem)	Description of charging subsystem for Braidwood Station includes automatic action of CV 8110, 8111 8114 and 8116 during SI conditions.	Reflects design change incorporated at Braidwood Station. Byron will make modification during first refuel of Unit 1.
Plant Description	2.8 SI System (Charging Subsystem)	Reference to the BIT has been deleted from discussion of Braidwood Charging system.	BIT has been physically removed from Braidwood Unit 1
Plant Description	ECCS and Charging System Sketches	Braidwood sketches include CV8114 and 8116	See comments on automatic action of CV 8110, 8111, 8114 and 8116.
Plant Description	2.12 Essential Service Water System	Description of Braidwood SX system references cooling pond as ultimate heat sink.	Plant Design Difference