



Commonwealth Edison  
1400 Opus Place  
Downers Grove, Illinois 60515

April 25, 1991

Dr. Thomas E. Murley, Director  
Office Of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Attn: Document Control Desk

Subject: Byron Station Units 1 and 2  
Augmented Inservice Inspection of Additional  
Emergency Core Cooling System (ECCS) Welds  
TAC #63261 (U2)  
NRC Docket Nos. 50-454 and 50-455

Reference: (a) April 22, 1991 Teleconference between Byron  
Station personnel, Byron NLA, and NRC Staff  
  
(b) Inservice Inspection Program, Section 2,  
"Plan for Nondestructive Examination (NDE)"  
Revision 2b, Note 10

In accordance with the discussion of Reference (a), Byron Station has committed to performing augmented inservice inspections of ECCS welds including welds of the containment spray system. The specifics of this inspection program are outlined in Reference (b). A draft note of the Inservice Inspection Program, has been attached for your information. The inspections will begin during the next refueling outage for each unit and will be completed prior to the end of the applicable unit's 10 year ISI interval. It should be noted that the attached Reference (b) is for information only, with the formal submittal of the NDE Program Rev 2b expected in August of 1991 prior to the next Unit 1 refueling outage.

Please direct any questions you may have concerning this matter to this office.

Respectfully,

T.K. Schuster  
Nuclear Licensing Administrator

Enclosure

cc: Wayne Kropp-Byron Station  
A. Hsia-NRR  
A. Bert Davis-RIII

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## ENCLOSURE

### NOTE 10

The NRC has expressed a concern dealing with intergranular-stress-corrosion-cracking in lines that contain stagnant, borated water. Byron Station will perform augmented volumetric examinations on Class 2 Emergency Core Cooling Systems [Chemical and Volume Control (CV), Residual Heat Removal (RH), and Safety Injection (SI)] and the Containment Spray (CS) System which are not currently subject to volumetric examination as required by Code. The examinations shall include a 7½% sample of all circumferential welds on piping that is in the CV, RH, SI, or CS systems, is greater than four inches nominal pipe size, and contains stagnant, borated water. Nominal pipe wall thickness and pressure/temperature exemptions do not apply.