



Commonwealth Edison

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Address Reply to: Post Office Box 767
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December 5, 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
Process Control Program
NRC Docket Nos. 50-454 and 50-455

Dear Mr. Denton:

This is to provide the Process Control Program (PCP) for Byron Generating Station. The enclosed program will be implemented to fulfill the requirements of Technical Specification 3/4.11.3. It documents the administrative and process controls on the radioactive waste solidification systems which provide reasonable assurance of the production of solidified radwaste with no free-standing water. This program is implemented by the procedures delineated in the program.

The PCP does not include the formulas which will be used for solidification of concentrates from the radwaste evaporator. These formulas will not be established until plant-specific concentrate samples can be analyzed by the solidification system vendor, Stock Equipment. The PCP also does not address the Aerojet Volume Reduction System or the Dow polymer solidification system. These systems will be incorporated into the PCP as they are completed and tested. At this point in time it is not certain that they will be operational prior to fuel load of Byron 1. This is, therefore, the PCP with which we currently plan to begin operation of Byron 1.

Attachment A to the PCP contains information proprietary to Stock Equipment Company. It is requested that this information be withheld from public disclosure pursuant to 10 CFR 2.790. Enclosed is a letter dated July 21, 1983, from Paul S. Hunt which identifies the portion of our PCP which is proprietary to Stock. Mr. Hunt's letter is also an affidavit to support a determination that disclosure of Attachment A, including Figure 1, would cause substantial harm to the competitive position of Stock Equipment Company.

Please direct questions regarding this PCP to this office.

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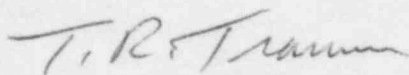
H. R. Denton

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One signed original and fifteen copies of this letter and the non-proprietary version of the PCP are provided for NRC review. Five copies of the July 21, 1983 Stock affidavit and the proprietary Attachment A, including Figure 1, are also provided.

Very truly yours,



T. R. Tramm
Nuclear Licensing Administrator

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- Enclosures a): "Byron Station Process Control Program,"
BAP 300-35, Rev. 0., excluding Attachment A,
(Non-proprietary)
- b): July 21, 1983 letter from Paul S. Hunt (Stock)
to Robert Aken (Commonwealth Edison Company)
- c): Attachment A, "Byron Solidification Formulas",
(Proprietary)

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