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June 9, 1987

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

Subject: Dresden Station Unit 2
"Systematic Evaluation Program IPSAR
Topic VI-10B; Shared Engineering Safety
Features, Onsite Emergency Power, and
Service System for Multiple-Unit Facilities
NRC Docket No. 50-237

Dear Mr. Murley:

Per the subject Systematic Evaluation Program (SEP) topic, the Nuclear Regulatory Commission (NRC) staff's position is that the licensee should provide assurance that paralleling of the shared 125V and 250VDC systems be prohibited during power operation.

In response to this concern, Dresden's position is that paralleling should be allowed. It is rarely performed during power operations and allows system flexibility.

When this action is utilized, it is under strict control of a procedure. Attachment 1 is the Dresden Unit 2 - 125VDC Ground Detection Procedure DOP 6900-6, Revision 4. This document is an example of the level of detail of a typical procedure that allows paralleling. The procedures have been revised since the last NRC review and are now more specific. Attachment 2 is the Dresden 2 - 125VDC Station Battery Capacity Test DOS 6900-6, Revision 4, which is another example of where paralleling is allowed.

In both of these two cases the systems are paralleled for a short time (i.e., a few minutes). After this action, the systems are aligned to power both electrical safety divisions from one source of power until the abnormal condition is resolved.

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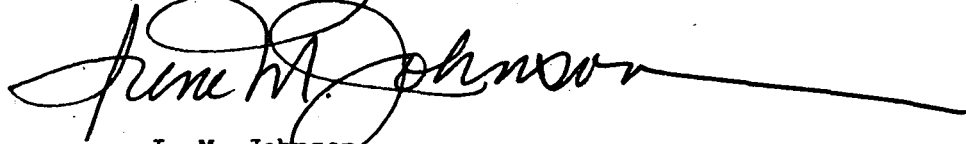
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Per the Dresden License DPR-19, Amendment 91, Limiting Condition For Operation, this condition is allowed to exist for a maximum of 7 days per operating cycle.

In conclusion, the parallel operation of the 125VDC and 250VDC system can be allowed because they are controlled by procedures, occur rarely, last only a few minutes, and are allowed by Dresden's license.

If you have any questions concerning this topic, please contact this office.

Very truly yours,

A handwritten signature in black ink, appearing to read "I. M. Johnson", with a long horizontal line extending to the right.

I. M. Johnson
Nuclear Licensing Administrator

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- Attachments (1): 125VDC Ground Detection - Unit 2
DOP 6900-6 (Revision 4)
(2): 125VDC Station Battery Capacity Test
DOS 6900-6 (Revision 4)

cc: M. Grotenhuis - NRR
Resident Inspector - Dresden
NRC Regional Administrator - RIII

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