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ComEd

RS-00-22

June 5, 2000

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

Dresden Nuclear Power Station, Units 2 and 3
Facility Operating License Nos. DPR-19 and DPR-25
NRC Docket Nos. 50-237 and 50-249

LaSalle County Station, Units 1 and 2
Facility Operating License Nos. NPF-11 and NPF-18
NRC Docket Nos. 50-373 and 50-374

Quad Cities Nuclear Power Station, Units 1 and 2
Facility Operating License Nos. DPR-29 and DPR-30
NRC Docket Nos. 50-254 and 50-265

Subject: Long Term Solution Stability System Oscillation Power Range Monitor Installation Status and Revised Implementation Schedule

References:
(1) Letter from J. Hosmer (ComEd) to U.S. NRC, "Revision to ComEd Response to Generic Letter 94-02, BWR Stability," dated September 15, 1997.

(2) Letter from F. R. Decimo (ComEd) to U.S. NRC, "Completion of Partial Installation of Long Term Solution Stability System Oscillation Power Range Monitor," dated July 27, 1998.

(3) Letter from R. M. Krich (ComEd) to U. S. NRC, "Revision to ComEd Response to Generic Letter 94-02, "Long-Term Solutions and Upgrade of Interim Operating Recommendations for Thermal-Hydraulic Instabilities in Boiling Water Reactors," dated July 30, 1998.

Commonwealth Edison (ComEd) Company in References 1, 2 and 3 provided the Nuclear Regulatory Commission (NRC) with the implementation schedule and status for the Long Term Solution Stability System Oscillation Power Range Monitor (OPRM) for Dresden Nuclear Power Station, Units 2 and 3, LaSalle County Station, Units 1 and 2, and Quad Cities Nuclear Power Station, Units 1 and 2. The OPRM modification was

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committed to be installed and implemented based on our responses to Generic letter 94-02, "Long-Term Solutions and Upgrade of Interim Operating Recommendations for Thermal-Hydraulic Instabilities in Boiling Water Reactors," dated July 11, 1994.

Attachment 1 provides the installation status of the OPRM modification for each unit. We committed in References 1, 2 and 3, to operate each unit OPRM for one complete cycle after installation with the alarm fully functional, but with the scram initiation bypassed, before declaring each unit's OPRM operational.

LaSalle County Station, Unit 2, is the first unit with OPRM in the final stages of implementation. However, after the installation of the OPRM, a computer software problem was discovered with the system. The solution of the software problem has involved a revision and reissuance of the software. The new software has been received and is scheduled to be installed as indicated on Attachment 2.

The testing of the LaSalle County Station, Unit 2, OPRM has indicated that the performance of the system is best determined during the monitoring of the system during and after reactor startup. Therefore, we are proposing to modify our implementation schedule for all three sites to allow approximately six months of operation after a refueling startup using the modified software. Attachment 2 provides the schedule dates associated with declaring each unit OPRM modification operational based on the projected refueling outage dates.

Additionally, to support the operational date of June 2001, for the LaSalle County Station, Unit 2, OPRM, we currently plan to provide the NRC with proposed Technical Specifications for the OPRM by August 31, 2000.

Should you have any questions concerning this submittal, please contact Mr. R. R. Brady at (603) 663-7205.

Respectfully,

R. M. Krich
Vice President – Regulatory Services

Attachments: Attachment 1 - Long Term Solution Stability System Installation Status
Attachment 2 - Long Term Solution Stability System Implementation Schedule

cc: Regional Administrator – NRC Region III
NRC Senior Resident Inspector – Dresden Nuclear Power Station
NRC Senior Resident Inspector – LaSalle County Station
NRC Senior Resident Inspector – Quad Cities Nuclear Power Station

ATTACHMENT 1
Long Term Solution Stability System Oscillation Power Range Monitor Installation Status

The status of the installation of each unit Long Term Solution Stability System Oscillation Power Range Monitor (OPRM) is as follows.

Dresden Nuclear Power Station

Unit 2 - The OPRM hardware was installed during the October 1999 refueling outage. The modified software is scheduled for installation prior to the completion of the 4th Quarter of 2001 refueling outage.

Unit 3 - The OPRM hardware installation and modified software are scheduled for installation during the September 2000 refueling outage.

LaSalle County Station

Unit 1 – The OPRM hardware installation was completed during the October 1999 refueling outage. The modified software is scheduled for installation during the third quarter of 2000.

Unit 2 – The OPRM hardware installation was completed during the February 1999 refueling outage. The modified software is scheduled for installation during the third quarter of 2000.

Quad Cities Nuclear Power Station

Unit 1 - The OPRM hardware installation and modified software are scheduled for installation during the October 2000 refueling outage.

Unit 2 - The OPRM hardware was installed during the January 2000 refueling outage. The modified software is scheduled for installation prior to the completion of the 1st Quarter of 2002 refueling outage.

ATTACHMENT 2
Long Term Solution Stability System Oscillation Power Range Monitor Implementation Schedule

The implementation schedule for each unit Long Term Solution Stability System (LTSSS) is as follows.

		Outage OPRM was / will be Installed (Date)	Refueling Startup with Modified OPRM Software (Date)	OPRM Operational Schedule (Date)
Dresden Nuclear Power Station	Unit 2	D2R16 (October 1999)	D2R17 (4th Qtr of 2001)	Approx. 6 Month after Startup from D2R17 (2nd Qtr of 2002)
Dresden Nuclear Power Station	Unit 3	D3R16 (September 2000)	D3R16 (September 2000)	Startup from D3R17 (4th Qtr of 2002)
LaSalle County Station	Unit 1	L1R08 (October 1999)	L1R09 (December 2001)	Approx. 6 Month after Startup from L1R09 (June 2002)
LaSalle County Station	Unit 2	L2R07 (February 1999)	L2R08 (December 2000)	Approx. 6 Month after Startup from L2R08 (June 2001) *
Quad Cities Nuclear Power Station	Unit 1	Q1R16 (October 2000)	Q1R16 (October 2000)	Startup from Q1R17 (4th Qtr of 2002)
Quad Cities Nuclear Power Station	Unit 2	Q2R15 (January 2000)	Q2R16 (1st Qtr of 2002)	Approx. 6 Month after Startup from Q2R16 (3rd Qtr of 2002)

* Implementation of Improved Technical Specifications (ITS) is scheduled for March 2001, at LaSalle County Station, Unit 2. Its OPRM operational date may be affected by a delay in the NRC approval of the OPRM TS.