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SUBJECT: RO: on 890929 w/ reactor power at approx 99% full power, MRPI failed, plant shutdown & unusual event declared.

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July 31, 1989

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

Subject: Follow-up Summary of Close-out of July 29, 1989  
Unusual Event.  
R.E. Ginna Nuclear Power Plant  
Docket No. 50-244

In accordance with NUREG 0654, FEMA-REP-1, Rev. 1 reporting requirements which requires a written summary of "Close-out or Class Reduction Conditions", the attached Close-out Summary for the July 29, 1989 Unusual Event is hereby submitted.

This event has in no way affected the public's health and safety.

Very truly yours,

*SM Spector*  
Stanley M. Spector  
Superintendent -  
Ginna Station

cc: U.S. Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia, PA 19406

Ginna USNRC Senior Resident Inspector  
R.C. Mecredy  
D.W. Burke

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Attachment To Close-Out of July 29, 1989 Unusual Event

On July 29, 1989 at 1843 EDST with reactor power at approximately 99% full power, the Control Room received annunciator alarm C-29 (MRPI System Failure). It was subsequently determined that the Microprocessor Rod Position Indication System (MRPI) had failed, disabling both MRPI CRTs and the plant process computer system (PPCS) rod position indication for all twenty-nine (29) control rods. The loss of all control rod position indication placed the plant in a condition not permitted by the plant's Technical Specifications.

At approximately 1933 EDST, July 29, 1989, a plant shutdown was commenced to comply with the plant Technical Specifications Section 3.0.1.

At approximately 2035 EDST, July 29, 1989 the Operations Shift Supervisor declared an Unusual Event in accordance with SC-100, "Ginna Station Event Evaluation and Classification", EAL: Loss of Indicators, Annunciators or Alarms; Loss of Indication or Alarms requiring a plant shutdown. All offsite notifications were made per SC-601, "Unusual Event Notification".

At approximately 0132 EDST, July 30, 1989, with the reactor subcritical, the reactor trip breakers were opened with all control rods inserted.

Because the Control Rod Position Indication System is only required by the plant technical specifications when the reactor is critical, the Operations Shift Supervisor with approval and concurrence from the plant manager, the Operations Manager, and the Duty Engineer, declared the Unusual Event terminated at 0140 EDST, July 30, 1989 in accordance with SC-110, "Ginna Station Event Evaluation for Reducing the Classification". All offsite agencies were notified of the termination of the Unusual Event.