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11/22/2009

U.S. Nuclear Regulatory Commission Operations Center Event Report

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Power Reactor

Event # 45514

| Site: THREE MILE ISLAND | | Notification Date / Time: 11/22/2009 01:13 (EST) | | | | |
|--|------------------|---|--|-----------------|------------|-----------------|
| Unit: 1 | Region: 1 | State: PA | Event Date / Time: 11/21/2009 22:45 (EST) | | | |
| Reactor Type: [1] B&W-L-LP,[2] B&W-L-LP | | Last Modification: 11/22/2009 | | | | |
| Containment Type: DRY AMB | | | | | | |
| NRC Notified by: ROGER BARNES | | Notifications: RAYMOND MCKINLEY R1DO | | | | |
| HQ Ops Officer: BILL HUFFMAN | | SAMSON LEE NRR EO | | | | |
| Emergency Class: NON EMERGENCY | | SAM COLLINS R1 RA | | | | |
| 10 CFR Section: | | JOHN GROBE NRR | | | | |
| 50.72(b)(2)(xi) OFFSITE NOTIFICATION | | MICHAEL JOHNSON EDO | | | | |
| | | BRIAN McDERMOTT IRD | | | | |
| | | COMM ASSTS BRIEFING | | | | |
| Unit | Scram Code | RX Crit | Init Power | Initial RX Mode | Curr Power | Current RX Mode |
| 1 | N | No | 0 | Refueling | 0 | Refueling |

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OFFSITE NOTIFICATION OF RADIATION RELEASE IN CONTAINMENT ASSOCIATED WITH STEAM GENERATOR REMOVAL

"This event is being reported via the ENS to the NRC Operations Center within four hours after notifications were made to the Pennsylvania Emergency Management Agency and local counties for an event of potential public interest. This notification was made at 22:45 on November 21, 2009, after the occurrence of an event related to the safety and health of onsite personnel for which a press release has been made. The press release was made following the event of potential public interest notifications. This report is being made under 10 CFR 72.75(b)(2).

"At approximately 16:00 on Saturday November 21, 2009 Low Levels of Radiation Activity were measured on Radiation monitors installed in the TMI-1 Reactor Building. At 22:45 an event of potential public interest was made Personnel were directed to immediately leave the reactor building until the source of the activity could be identified. Surveys directly outside of the reactor building construction opening indicated a slight increase in activity. Levels have returned to normal. No contamination was identified outside of the reactor building. Approximately 150 workers were monitored for exposure to the radiation activity, no worker approached or exceeded any exposure limits. The sources of the activity are believed to be from maintenance tasks related to cutting lines in preparation for removal of the Bravo Steam Generator."

The licensee is still investigating the caused of the event but indicated that radiation release is no longer in progress. Containment Ventilation is establish to provide an-inflow into containment to the extent possible (considering the openings in containment).

The licensee contacted State and local authorities and the Pennsylvania Emergency Management Agency

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(PEMA). The NRC Resident Inspector has also been notified. The licensee has also issued a press release.
