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| Power Reactor  | Event Number: 45193   |
| Facility: PEACH BOTTOM<br>Region: 1 State: PA<br>Unit: [2] [3] [ ]<br>RX Type: [2] GE-4,[3] GE-4<br>NRC Notified By: LARRY KEEHNER<br>HQ OPS Officer: CHARLES TEAL | Notification Date: 07/10/2009<br>Notification Time: 13:40 [ET]<br>Event Date: 07/10/2009<br>Event Time: 12:31 [EDT]<br>Last Update Date: 07/10/2009 |
| Emergency Class: NON EMERGENCY<br>10 CFR Section:<br>50.72(b)(2)(xi) - OFFSITE NOTIFICATION  | Person (Organization):<br>GLENN DENTEL (R1DO )  |

| Unit | SCRAM Code | RX CRIT | Initial PWR | Initial RX Mode | Current PWR | Current RX Mode |
|------|------------|---------|-------------|-----------------|-------------|-----------------|
| 2    | N          | Y       | 100         | Power Operation | 100         | Power Operation |
| 3    | N          | Y       | 100         | Power Operation | 100         | Power Operation |

**Event Text**

ELEVATED TRITIUM LEVELS FOUND IN ON-SITE WELL

"Exelon has issued a news release due to elevated levels of tritium found in an on-site exploratory well at the Peach Bottom Atomic Power Station. The elevated levels of tritium were found in an area adjacent to the Peach Bottom Unit 3 Turbine Building."

Tritium levels were measured as 123,000 picoCuries per liter.

The licensee notified the NRC Resident Inspector, Pennsylvania Emergency Management Agency, Maryland Emergency Management Agency, and the counties of York, Cecil, Lancaster, and Chester.