

5

Power Reactor	Event Number: 42676
Facility: CALLAWAY Region: 4 State: MO Unit: [1] [ ] [ ] RX Type: [1] W-4-LP NRC Notified By: GREG BRADLEY HQ OPS Officer: JOHN KNOKE	Notification Date: 06/30/2006 Notification Time: 14:59 [ET] Event Date: 06/30/2006 Event Time: 13:00 [CDT] Last Update Date: 06/30/2006
Emergency Class: NON EMERGENCY 10 CFR Section: 50.72(b)(2)(xi) - OFFSITE NOTIFICATION	Person (Organization): MICHAEL SHANNON (R4 )

Unit	SCRAM Code	RX CRIT	Initial PWR	Initial RX Mode	Current PWR	Current RX Mode
1	N	Y	100	Power Operation	100	Power Operation

**Event Text**

LOW LEVELS OF TRITIUM FOUND ALONG PLANT DISCHARGE LINE

"This report is being made pursuant to 10CFR50.72(b)(2)(xi), 4-hour Non-Emergency Report due to a press release being issued by Callaway Plant reporting that its monitoring program recently detected small amounts of tritium and other radionuclides along the plant discharge pipeline. The concentrations of radioactive material in water sampled from manholes on the discharge line range from less than 1% to about 20% of the NRC effluent release concentration limits. This radioactive material is contained on plant owned property.

"All known wells in the vicinity of the plant, as well as drinking water at the plant and in the nearby town of Portland, have been tested and shown to have no detectable radionuclides above background. Further testing of drinking water supplies and in areas around the discharge line is taking place to assure that no migration of the contaminated water occurs. Sampling results of the monitoring program have been provided to the NRC and the Missouri Department of Natural Resources (DNR) and a plan to remediate the contaminated manholes will be coordinated with the DNR.

"No Offsite Dose Calculation Manual (ODCM) and no federal effluent limits have been exceeded. Callaway Plant has not identified any health or safety risk to the public or onsite personnel. The DNR, Missouri Department of Health and Social Services, and local County Officials have been notified of the press release."

The licensee notified the NRC Resident Inspector, and other State and local agencies are being notified via the press release.

D-5