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|---|---|
| Power Reactor   | Event Number: 43355   |
| Facility: FT CALHOUN<br>Region: 4 State: NE<br>Unit: [1] [ ] [ ]<br>RX Type: [1] CE<br>NRC Notified By: KEVIN R BOSTON<br>HQ OPS Officer: JASON KOZAL | Notification Date: 05/10/2007<br>Notification Time: 20:16 [ET]<br>Event Date: 05/10/2007<br>Event Time: 15:30 [CDT]<br>Last Update Date: 05/10/2007 |
| Emergency Class: NON EMERGENCY<br>10 CFR Section:<br>50.72(b)(2)(xi) - OFFSITE NOTIFICATION   | Person (Organization):<br>VINCENT GADDY (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**

**OFFSITE NOTIFICATION DUE TO ELEVATED TRITIUM LEVELS**

"On May 7, 2007, a horizontal concrete wall crack at approximately 990 ft 6 inch elevation in a radiologically controlled room located inside the protected area, was observed to have water drops forming on the surface. Samples were collected in enough quantity to perform radiological and chemical analysis. The analysis indicated tritium concentration of 110,000 pCi/L. The limits for tritium in the FCS Off-Site Dose Calculation Manual is 20,000 pCi/L. Based on this analysis a conservative decision to notify the state and local agencies was made on 5/10/2007 at 15:30 CDT per the NEI Ground Water Protection Program. These off-site notifications will be made on 5/11/2007. Further investigation is on-going."

The licensee notified the NRC Resident Inspector.

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