Entergy

Indian Point Energy Center
450 Broadway, GSB
P.O. Box 249
Buchanan, N.Y. 10511-0249

Robert Walpole
Regulatory Assurance
Manager
914-254-6710

June 20, 2014

NL-14-078

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
11545 Rockville Pike
Rockville, MD 20852

SUBJECT: Post Accident Monitoring Report on Inoperable Condensate Storage Tank Level Transmitters
Indian Point Unit Number 2
Docket No. 50-247
License No. DPR-26

Dear Sir or Madam:

The purpose of this letter is to submit a report pursuant to Technical Specification (TS) 5.6.6 (Post Accident Monitoring Report) for two channels of Condensate Storage Tank (CST) Level Transmitters (LT) inoperable for greater than the TS allowed completion time. TS 3.3.3 [Post Accident Monitoring (PAM) Instrumentation], Table 3.3.3-1, for Function 14, CST level require two operable channels. The CST LTs are a Type A, Category I function that is provided to ensure water supply for the Auxiliary Feedwater System (AFWS). The CST provides a safety grade water supply for the AFWS. The operability of the CST is determined by maintaining the tank level at or above the minimum required level. The CST is the initial source of water for the AFWS. However, as the CST is depleted, manual operator action is necessary to replenish the CST or align suction of the AFW pumps to City Water.

On June 3, 2014, shortly after a nearby lighting strike, the Unit 2 Control Room noticed that the CST level transmitters LT-1128 and LT-1128A were failed high. At approximately 17:30 hours, operations entered TS 3.3.3 Condition C for one or more functions of Table 3.3.3-1 with two or more required channels inoperable for an inoperable Function 14. Required Action C.1 is to restore all but one channel to operable in 7 days. Operations also entered TS 3.3.4 (Remote Shutdown) for not meeting Function 3.e on TS Table 3.3.4-1 with required Action A.1 to restore the function to operable in 30 days. On June 10, 2014, CR-IP2-2014-03463 recorded that the inoperable CST LTs (LT-1128 and LT-1128A) associated with Limiting Condition for Operation (LCO) 3.3.3 exceeded the requirement to be returned to operable within 7 days.

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TS 3.3.3 Condition D, required action and associated completion time of Condition C not met requires entry into TS 3.3.3, Table 3.3.3-1 for the channel. TS Table 3.3.3-1 Function 14 (CST level) reference condition is Condition F. TS 3.3.3, Condition F requires a report be submitted to NRC within the next 14 days pursuant to TS 5.6.6. The report is to outline the alternate method of monitoring, the cause of the inoperability, and the plans and schedule for restoring the instrument to operable status.

- Alternate method of monitoring

  While CST LTs LT-1128 and LT-1128A were inoperable, Special Log 2-14-054 was established to take local level indication readings from LIC-1102S twice a shift.

- Cause

  The apparent cause of the inoperability of LT-1128 and LT-1128A was an electrical failure of the level transmitters due to the effects of a nearby lighting strike. The condition was recorded in the Indian Point Corrective Action Program (CAP) as condition report CR-IP2-2014-03388.

- Plans and schedule for restoring

  The plan for restoring the level transmitters was to rebuild transmitter LT-1128A with available parts under Work Order (WO) 00384578, and replace the Foxboro transmitter for LT-1128 with a NUS transmitter under WO 00387575. On June 16, 2014, LT-1128A was declared operable after refurbishment. The LT-1128 transmitter was replaced and returned to operable on June 18, 2014, restoring CST level indication. TS 3.3.3 and TS 3.3.4 were exited on June 18, 2014, at 15:45 hours.

If you have any questions or require additional information, please contact me.

Sincerely,

RW/cbr

cc: Mr. Douglas Pickett, Senior Project Manager, NRC NRR
Mr. William M. Dean, Regional Administrator, NRC Region I
NRC Senior Resident Inspectors Office
Mr. John B. Rhodes, President and CEO, NYSERDA
Mrs. Bridget Frymire, New York State Dept. of Public Service