

# WOLF CREEK

NUCLEAR OPERATING CORPORATION

May 10, 2018

Cynthia R. Hafenstine  
Manager Nuclear and Regulatory Affairs

RA 18-0056

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555

- References:
- 1) Letter RA 16-0034, dated April 28, 2016, from C. R. Hafenstine, WCNOOC, to USNRC
  - 2) Letter RA 16-0059, dated August 17, 2016, from C. R. Hafenstine, WCNOOC, to USNRC

Subject: Docket No. 50-482: Correction to Wolf Creek Generating Station 2015 Annual Radioactive Effluent Release Report – Report 39

To Whom It May Concern:

Reference 1 provided the Wolf Creek Generating Station 2015 Annual Radioactive Effluent Report. Subsequent to the submittal of Reference 1, it was discovered that an error existed in the report. Reference 2 provided the corrected pages for the errors found in the report in Reference 1. The corrected pages provided in Reference 2 contained a typographical error in the subject line, the cover letter, and on the cover page for the enclosure.

Enclosed are the corrected pages for the "Wolf Creek Generating Station 2015 Annual Radiological Effluent Report – Report 39." This submittal is to replace Reference 2 in its entirety.

TE48  
NRR

RA 18-0056  
Page 2 of 2

This letter contains no commitments. If you have any questions concerning this matter, please contact me at (620) 364-4204.

Sincerely,

A handwritten signature in cursive script that reads "Cynthia Hafenstine".

Cynthia R. Hafenstine

CRH/rit

Enclosure

cc: K. M. Kennedy (NRC), w/e  
B. K. Singal (NRC), w/e  
N. H. Taylor (NRC), w/e  
Senior Resident Inspector (NRC), w/e

Enclosure to RA 18-0056

**Corrected Pages of the Wolf Creek Generating Station  
2015 Annual Radioactive Effluent Release Report – Report 39  
(2 pages)**

CR 92222 – GHRT0010B Effluent Channel

A data entry error during STN SP-010B resulted in GHRE10B effluent channel being nonfunctional. A review of the low, mid and high channels during the period verified that no release setpoints were exceeded. It appears that the RM-11 screen did not update during verification per STN SP-010B.

Changes to the land use census are noted. No changes or events occurred with monitoring instruments, radwaste shipments and storage units.

## SECTION IV

### ADDITIONAL INFORMATION

#### 1. **Unplanned or Abnormal Releases**

CR 84942 – Investigate reporting requirements for SFP to CCW leak (Update)

There was an unplanned release of contaminated liquid in 2013 following a leak thru Spent Fuel Pool heat exchanger to component cooling water systems. A portion of the system was discharged in 2015 during Refuel 20. The remaining activity, approximately  $6E-4$  uCi/ml H-3, will be discharged in upcoming refueling outages as required for system maintenance using the normal effluent discharge path. For more CR details see the Additional Information portion of Section II.

#### 2. **Offsite Dose Calculation Manual (ODCM)**

The ODCM is in the form of two separate Wolf Creek Nuclear Operating Corporation (WCNOC) administrative procedures. Enclosure I contains procedure AP 07B-003, Revision 8 "Offsite Dose Calculation Manual." Enclosure II contains procedure, AP 07B-004, Revision 21, "Offsite Dose Calculation Manual (Radiological Environmental Monitoring Program)."

#### 3. **Major Changes to Liquid, Solid, or Gaseous Radioactive Waste Treatment Systems**

No major changes were made to the Liquid, Solid or Gaseous Radwaste Systems in 2015 that alter the capacity or handling of Radioactive Wastes or differ in the method of treatment.

#### 4. **Land Use Census**

No changes were identified for the nearest occupied residence in each sector. Ten changes were noted for the nearest garden producing broadleaf vegetation (per AP 07B-004, "Offsite Dose Calculation Manual (Radiological Environmental Monitoring Program))." There were no changes regarding milk sample locations. No locations were identified that routinely milked animals for human consumption.

#### 5. **Radwaste Shipments**

Nineteen shipments of radioactive waste occurred during this report period. Specific details regarding each shipment's mode of transportation and destination can be found in Section II, Effluent and Waste Disposal Annual Report, 2015 Solid Waste Shipments table, subsection A.3 (Solid Waste Disposition).

#### 6. **Functionality of Effluent Monitoring Instrumentation**

CR 92222 – GHRT0010B Effluent Channel

The effluent channel, 103, of the Radwaste Building Vent (RWV) GHRE10B, was found nonfunctional on 2-24-2015 during the preparation of a gas decay tank permit. The channel had been inoperable since 2-18-2015 following a data entry error that occurred during a scheduled calibration while performing procedure STN SP-010B, "Channel Operational Test Radwaste Building Vent System Radiation Monitor