



Ron Benham  
Director Nuclear and Regulatory Affairs

April 8, 2021  
RA 21-0034

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

Subject: Docket No. 50-482: Revision of Two Procedures that Implement the Radiological Emergency Response Plan (RERP) for Wolf Creek Generating Station (WCGS)

Commissioners and Staff:

In accordance with 10 CFR 50.54(q)(5), WCGS is submitting a change to the emergency plan. Two procedures that implement the WCGS RERP have been revised. The revised documents are identified below:

<u>Procedures</u>	<u>Effective Dates</u>
AP 06-002, Rev. 21A	March 11, 2021
EPP 06-012, Rev. 17A	March 11, 2021

The attached summary of the changes to the implementing procedures explain that these changes do not reduce the effectiveness of the WCGS RERP. 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 black ink that reads "Ron Benham".

Ron Benham

RDB/rlt

Attachment: Summary of Changes to Two Procedures that Implement the Radiological Emergency Response Plan (RERP) for Wolf Creek Generating Station (WCGS)

cc: S. S. Lee (NRC), w/a  
S. A. Morris (NRC), w/a  
N. O'Keefe (NRC), w/a  
Senior Emergency Preparedness Inspector (NRC), w/a  
Senior Resident Inspector (NRC), w/a

## **Summary of Changes to Two Procedures that Implement the Radiological Emergency Response Plan (RERP) for Wolf Creek Generating Station (WCGS)**

1. Procedure AP 06-002, "Radiological Emergency Response Plan (RERP)," Rev. 21A

AP 06-002, Rev 21A is being changed to incorporate changes that are administrative in nature. These changes are being made to update references for implementation of an alternate source term and revised exercise cycle requirements, a previously approved organization title change and correction to reception center directions / location.

The change does not reduce the effectiveness of the Emergency Plan.

2. Procedure EPP 06-012, "Dose Assessment" Rev. 17A

License Amendment 221 implemented an alternate source term (AST) for use in the radiological consequence accident analyses for core and reactor coolant activities. Source term activity values are based on the total core inventory of SAP 98-154 Letter 98-02120, Radiation Sources for Wolf Creek, and SAP 99-145 Letter 99-01466 Core Inventory Radiation Sources, which are ORIGEN code-based source terms. This information had previously been documented in the USAR as well.

EPP 06-012, Rev 17A, change reflects the addition of references associated with AST implementation and removes reference to the USAR.

The change does not reduce the effectiveness of the Emergency Plan.