

WOLF CREEK

NUCLEAR OPERATING CORPORATION

Cleveland Reasoner
Site Vice President

March 8, 2018

WO 18-0011

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

Subject: Docket No. 50-482: Redacted Version of Revision 31 of the Wolf Creek
Generating Station Updated Safety Analysis Report

To Whom It May Concern:

Pursuant to the updating requirements of 10 CFR 50.71(e), Wolf Creek Nuclear Operating Corporation (WCNOC) submitted its Updated Safety Analysis Report (USAR), Revision 31, on March 8, 2018. The submittal satisfied the Final Safety Analysis Report (FSAR) updating requirements of the aforementioned regulation.

A redacted USAR is being provided in accordance with the guidance of Regulatory Issue Summary (RIS) 2015-17, dated December 23, 2015. Enclosure I to this letter provides the CD-ROM submittal of the redacted version of the Wolf Creek Generating Station (WCGS) USAR, Revision 31.

Enclosure II to this letter provides a CD-ROM containing the redacted station-controlled drawings that are incorporated by reference into the USAR.

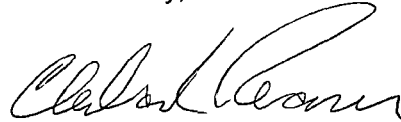
Enclosure III to this letter provides a CD-ROM containing the Quality Program Manual, redacted USAR Fire Hazards Analysis, EQSD-I, EQ Summary Document Section I Program Description, and redacted EQSD-II, Equipment Qualification Summary Document Master List Section II, all of which are considered incorporated by reference into the WCGS USAR. EQSD-I and EQSD-II contain information from USAR Table 3.11(B)-1, Plant Environmental Normal Conditions; USAR Table 3.11(B)-2, Environmental Qualification Parameters for SNUPPS NUREG-0588 (LOCA, MSLB and HELB); USAR Table 3.11(B)-3, Identification of Safety-Related Equipment and Components: Equipment Qualification; USAR Table 3.11(B)-4, Containment Worst Case Radiation Levels (MRADs); USAR Table 3.11(B)-5, Containment Spray Requirements; USAR Table 3.11(B)-8, Exemptions from NUREG-0588 Qualification; USAR Table 3.11(B)-10, Equipment Added for NUREG-0737; and USAR Figures 3.11(B)-1 through 3.11(B)-49, all of which are incorporated by reference into the USAR.

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As a duly authorized officer of WCNOC and in accordance with 10 CFR 50.71(e)(2), I certify that the information in this submittal accurately presents changes made since the previous submittal dated March 9, 2017, and that this submittal has been prepared pursuant to a Nuclear Regulatory Commission requirement. This letter contains no commitments.

If you have any questions concerning this matter, please contact me at (620) 364-4171, or Cynthia R. Hafenstine at (620) 364-4204.

Sincerely,

A handwritten signature in black ink, appearing to read "Cleveland Reasoner". The signature is fluid and cursive, with a large initial "C" and "R".

Cleveland Reasoner

COR/rlt

- Enclosure I – CD-ROM containing redacted Updated Safety Analysis Report, Revision 31
- Enclosure II – CD-ROM containing redacted Updated Safety Analysis Report Controlled Figure Drawings
- Enclosure III – CD-ROM containing Quality Program Manual, redacted Updated Safety Analysis Report Fire Hazards Analysis, EQSD-I and redacted EQSD-II

Enclosure I to WO 18-0011

CD-ROM containing redacted Updated Safety Analysis Report, Revision 31

Subject

Enclosed is the CD-ROM submittal of the Wolf Creek Generating Station redacted Updated Safety Analysis Report (WCGS USAR), Revision 31.

Contact Name Lucille Stone
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Phone Number 620-364-8831 ext. 4898

Document Components:

The CD-ROM labeled "WCGS Redacted USAR, Rev 31" contains the following files:

001_USAR.pdf	269 KB, publicly available
002_USARC01.pdf	926 KB, publicly available
003_USARC02.0.pdf	34.8 MB, publicly available
004_USARC02 Figures.pdf	35.5 MB, publicly available
005_USARC03_Redacted.pdf	16.4 MB, publicly available
006_USARC04.pdf	2.3 MB, publicly available
007_USARC05.pdf	2.4 MB, publicly available
008_USARC06.pdf	11.5 MB, publicly available
009_USARC07.pdf	1.9 MB, publicly available
010_USARC08.pdf	1.9 MB, publicly available
011_USARC09.pdf	4.6 MB, publicly available
012_USARC10.pdf	1.5 MB, publicly available
013_USARC11.pdf	1.0 MB, publicly available
014_USARC12.pdf	876 KB, publicly available
015_USARC13.pdf	562 KB, publicly available
016_USARC14.pdf	376 KB, publicly available
017_USARC15.pdf	6.3 MB, publicly available
018_USARC16.pdf	56 KB, publicly available
019_USARC17.pdf	64 KB, publicly available
020_USARC18_Redacted.pdf	1.2 MB, publicly available
021_USARNRCQ.pdf	376 KB, publicly available
022_USAR Rev. 31-loep.pdf	396 KB, publicly available

Enclosure II to WO 18-0011

CD-ROM containing redacted Updated Safety Analysis Report
Controlled Figure Drawings

Subject

Enclosed is the CD-ROM submittal of the Wolf Creek Generating Station Updated Safety Analysis Report (WCGS USAR) redacted controlled figure drawings that are incorporated by reference into the WCGS USAR.

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Phone Number 620-364-8831 ext. 4898

Document Components:

The CD-ROM labeled "WCGS USAR, Rev.31 Redacted Controlled Drawings" contains the following files:

001_Chapter 1_Redacted.pdf	16.5 MB, publicly available
002_Chapter 2.pdf	2.05 MB, publicly available
003_Chapter 5.pdf	2.29 MB, publicly available
004_Chapter 6.pdf	4.48 MB, publicly available
005_Chapter 7.pdf	1.22 MB, publicly available
006_Chapter 8.pdf	5.76 MB, publicly available
007_Chapter 9_Redacted.pdf	31.5 MB, publicly available
008_Chapter 10.pdf	12.3 MB, publicly available
009_Chapter 11.pdf	5.70 MB, publicly available
010_Chapter 12_Redacted.pdf	731 KB, publicly available
011_Chapter 18.pdf	497 KB, publicly available

Enclosure III to WO 18-0011

CD-ROM containing Quality Program Manual, Redacted Updated
Safety Analysis Report Fire Hazards Analysis, EQSD-I, and
Redacted EQSD-II

Subject

Enclosed is the CD-ROM submittal of the Wolf Creek Quality Program Manual (WCQPM), WCGS USAR redacted Fire Hazards Analysis, EQSD-I, EQ Summary Document Section I Program Description, and redacted EQSD-II, Equipment Qualification Summary Document Master List Section II, all of which are considered incorporated by reference into the WCGS USAR.

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Document Components:

The CD-ROM labeled "WCGS USAR, Rev 31, Redacted Items Incorporated by Reference – FHA, EQSD, WCQPM" contains the following files:

001_WCQPM Rev 10A.pdf	263 KB, publicly available
002_E-1F9900 Rev 9_Redacted.pdf	34.2 MB, publicly available
003_E-1F9905 Rev 8.pdf	9.97 MB, publicly available
004_E-1F9910 Rev 14 Page 1 to Fire Area C-13.pdf	38.8 MB, publicly available
005_E-1F9910 Rev 14 Fire Area C-14 to end of doc.pdf	37.3 MB, publicly available
006_9910-14-01.pdf	128 KB, publicly available
007_E-1F9915 Rev 9.pdf	943 KB, publicly available
008_XX-E-013 Rev 4.pdf	3.72 MB, publicly available
009_XX-E-013 Rev 4 CN002.pdf	440 KB, publicly available
010_XX-E-013 Rev 4 CN003.pdf	541 KB, publicly available
011_XX-E-013 Rev 4 CN004.pdf	1.23 MB, publicly available
012_EQSD-I Rev 13.pdf	10.8 MB, publicly available
013_EQSD-II Rev 28_Redacted.pdf	12.0 MB, publicly available
014_M-663-00017A W05 1 to B1-98.pd	23.6 MB, publicly available
015_M-663-00017A W05 B1-99 to B2-40.pdf	25.0 MB, publicly available
016_M-663-00017A W05 B2-41 to B6-2.pdf	39.3 MB, publicly available
017_M-663-00017A W05 B6-3 to B7-79.pdf	24.2 MB, publicly available
018_M-663-00017A W05 B7-80 to B8-147.pdf	38.9 MB, publicly available
019_M-663-00017A W05 B8-148 to B13-25.pdf	29.2 MB, publicly available
020_M-663-00017A W05 B13-26 to G1A-63.pdf	13.7 MB, publicly available
021_M-663-00017A W05 G1A-64 to G1A-123.pdf	13.0 MB, publicly available
022_M-663-00017A W05 G1A-124 to G2A-3.pdf	18.6 MB, publicly available
023_M-663-00017A W05 G2B-1 to G2B79.pdf	18.2 MB, publicly available
024_M-663-00017A W05 Att G3 to G3D-26.pdf	36.0 MB, publicly available
025_M-663-00017A W05 G3D-27 to G4D-19.pdf	18.4 MB, publicly available
026_M-663-00017A W05 Att G5 to Att H.pdf	14.9 MB, publicly available