

June 15, 2007

LICENSEE: Wolf Creek Nuclear Operating Corporation

FACILITY: Wolf Creek Generating Station, Unit 1

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON JUNE 8, 2007,
BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND WOLF
CREEK NUCLEAR OPERATING CORPORATION, CONCERNING REQUESTS
FOR ADDITIONAL INFORMATION PERTAINING TO THE WOLF CREEK
GENERATING STATION, UNIT 1, LICENSE RENEWAL APPLICATION

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of Wolf Creek Nuclear Operating Corporation held a telephone conference call on June 8, 2007, to discuss and clarify the staff's requests for additional information (RAIs) concerning the Wolf Creek Generating Station, Unit 1, license renewal application. The telephone conference call was useful in clarifying the intent of the staff's RAIs.

Enclosure 1 provides a listing of the participants and Enclosure 2 contains a listing of the RAIs discussed with the applicant, including a brief description on the status of the items.

The applicant had an opportunity to comment on this summary. A mutually agreeable date for the response is within 30 days from the date of this letter. If you have any questions, please contact me at 301-415-3703 or e-mail vmr1@nrc.gov.

/RA/

Verónica M. Rodríguez, Project Manager
License Renewal Branch B
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket No. 50-482

Enclosures:
As stated

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The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of Wolf Creek Nuclear Operating Corporation held a telephone conference call on June 1, 2007, to discuss and clarify the staff's requests for additional information (RAIs) concerning the Wolf Creek Generating Station, Unit 1, license renewal application. The telephone conference call was useful in clarifying the intent of the staff's RAIs.

Enclosure 1 provides a listing of the participants and Enclosure 2 contains a listing of the RAIs discussed with the applicant, including a brief description on the status of the items.

The applicant had an opportunity to comment on this summary. A mutually agreeable date for the response is within 30 days from the date of this letter. If you have any questions, please contact me at 301-415-3703 or e-mail vmr1@nrc.gov.

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Letter to Wolf Creek Nuclear Generating Station, from V.Rodriguez, dated June 15, 2007

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON JUNE 8, 2007,
BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND WOLF
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TELEPHONE CONFERENCE CALL
WOLF CREEK GENERATING STATION, UNIT 1
LICENSE RENEWAL APPLICATION

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JUNE 8, 2007

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REQUESTS FOR ADDITIONAL INFORMATION
WOLF CREEK GENERATING STATION, UNIT 1
LICENSE RENEWAL APPLICATION

JUNE 8, 2007

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of Wolf Creek Nuclear Operating Corporation held a telephone conference call on June 8, 2007, as a followup discussion and request for clarification to the applicant's response to the following requests for additional information (RAIs) concerning the Wolf Creek Generating Station (WCGS), Unit 1, license renewal application (LRA). The applicant's response to these RAIs was submitted by letter dated May 2, 2007.

RAI 2.3.3.16-1

License renewal drawings LRA-WCGS-KJ-M-12KJ01 and LRA-WCGS-KJ-M-12KJ04, at locations H-5 and H-6, show standby diesel generator jacket water expansion tanks, TKJ01A and TKJ01B, respectively. The tanks are within the safety-related boundary and are highlighted in green for meeting the requirements of Title 10 *Code of Federal Regulations* 54.4(a)(1) (10 CFR 54.4). Each tank has several lines extending from it that also appear to be safety-related; however, these lines are not highlighted. The lines in question are portions of 010-HBD-1, 066-HBD-1, 073-HBD-1, 011-HBD-1, 166-HBD-1, 173-HBD-1, and the chemical addition fittings.

LRA Section 2.1 states that every component meeting the scoping criterion of 10 CFR 54.4(a)(1), was included within the scope of the license renewal rule. The staff requests that the applicant justify the exclusion of these lines from the scope of license renewal.

Discussion: Based on the discussion with the applicant, the staff indicated that the response to this RAI requires clarification. The staff requested that the applicant justify why tank vents are not included within the scope of license renewal in accordance with 10 CFR 54.4(a)(2) as they functionally support the operation of the tank.

The applicant agreed with the staff and stated that the vents will be added to the scope of license renewal. The applicant will provide its formal response in writing.

RAI 2.3.4.2-1

License renewal drawing LR-WCGS-AB-M-12AB01, at locations D-3, D-6, H-3 and H-6, shows four atmospheric relief valves silencers that are not color coded as within the scope of license renewal and subject to an aging management review (AMR). These four silencers are attached to piping which are within the scope of license renewal in accordance with 10 CFR 54.4(a)(2). If the piping's intended function is to provide a pressure boundary for the steam flow path, then the staff requests that the applicant explain why the silencers are not within the scope of license renewal in accordance with 10 CFR 54.4(a)(2) for functional support. The staff also requests that the applicant describe the physical configuration of the silencers such that if they fail they will not prevent the atmospheric relief valves from performing their intended function.

Enclosure 2

Discussion: Based on the discussion with the applicant, the staff indicated that the response to this RAI requires clarification. The staff requested that the applicant address the potential effects of a degraded exhaust silencer on the intended function of the atmospheric relief valves. The staff also requested that the applicant identify that no age related degradation of the atmospheric relief valve silencers could affect their intended function.

The applicant agreed with the staff position and stated that the atmospheric relief valves exhaust silencers will be added to the scope of license renewal. The applicant will provide its formal response in writing.

RAI 2.3.4.2-2

License renewal drawing LRA-WCGS-AB-M-12AB03, at locations F-8, E-8, C-8, and B-8, shows steam traps ST0001, ST0002, ST0003 and ST0004 that are not color coded as within the scope of license renewal and subject to an AMR. The steam traps are attached to 2-inch lines. The staff requests that the applicant explain why these four traps are not within the scope of license renewal in accordance with 10 CFR 54.4(a)(3) and how the lines are isolated.

Discussion: Based on the discussion with the applicant, the staff indicated that the response to this RAI requires clarification. The staff requested that the applicant address the function of the steam trap as a valve body with a pressure boundary function and that the steam trap's configuration be described. The staff requested that the applicant clarify if there is an analysis or calculation that justify the exclusion of the steam traps from the scope of license renewal. The applicant will provide its formal response in writing.

RAI 2.3.4.2-5

License renewal drawings for the main steam system have lines highlighted in green indicating that they are within the scope of license renewal and are required to support the system intended functions. However, multiple lines that are sized 1-inch and under, that branch off the highlighted lines with no valve or other interfacing components, are not highlighted.

The size 1-inch and under lines in the main steam system are included on license renewal drawings LRA-WCGS-AB-M-12AB03. Examples of these lines include those at locations G-8 (line 237-DBD-1), H-6 (off line 148-DBD-6), G-5 (off line 167-DBD-6), G-4 (line 317-DBD-1), H-3 (line DBD-1/2), E-8 (line 206-DBD-1), and D-7 (off line 241-DBD-36), among others.

The staff requests that the applicant justify the exclusion of the size 1-inch and under lines from the scope of license renewal. In addition, the staff requests that the applicant explain whether the impact of multiple line failures were considered on system intended functions.

Discussion: Based on the discussion with the applicant, the staff indicated that the response to this RAI requires clarification. The staff requested that the applicant clarify if there is an analysis or calculation that justify the exclusion of the 1" diameter piping from the scope of license renewal. The applicant will provide its formal response in writing.