

WOLF CREEK

NUCLEAR OPERATING CORPORATION

Matthew W. Sunseri
President and CEO

September 24, 2010

WM 10-0026

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

- Reference:
- 1) Letter dated June 15, 2010, from J. Hughes, NERC, to M. Gammon, KCPL, "Request for Data or Information: Nuclear Power Plant 'Bright-Line' Survey"
 - 2) Letter WO 10-0048, dated July 19, 2010, from S. E. Hedges, WCNOG, to USNRC
 - 3) Letter dated August 27, 2010, from M. Moon, NERC, to M. Gammon, KCPL, "NERC's Response to the Completed Bright Line Survey: Wolf Creek Generating Station"

Subject: Docket No. 50-482: Notification Letter Designating Wolf Creek Generating Station Balance of Plant Systems within the Cyber Security Rule Scope

Gentlemen:

By Order dated March 19, 2009¹, the Federal Energy Regulatory Commission (FERC) clarified that the "balance of plant" equipment within a nuclear power plant is subject to compliance with the FERC approved Critical Infrastructure Protection (CIP) Reliability Standards. Paragraph 50 of the Order provides for an exception from the CIP Reliability Standards for equipment in the balance of plant that is subject to the Nuclear Regulatory Commission (NRC) cyber security regulations. Pursuant to paragraph 50 of the Order, the North American Electric Reliability Corporation (NERC) has been engaging in a "Bright-Line" determination process (Reference 1) to clarify the systems that would be subject to the NRC cyber security rule (10 CFR 73.54), and those that would be subject to the CIP Reliability Standards.

¹ *Mandatory Reliability Standards for Critical Infrastructure Protection, order on clarification*, Order No. 706-B, 126 FERC ¶ 61,229 (2009).

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In Reference 3, NERC is requiring that Wolf Creek Nuclear Operating Corporation (WCNOC) provide the NRC with a letter identifying all balance of plant Systems, Structures, and Components (SSCs) considered important to safety at Wolf Creek Generating Station (WCGS) with respect to the NRC's cyber security regulation. Enclosed is a copy of WCNOC Letter WM 10-0021, dated July 16, 2010, from M. Sunseri, WCNOC, to B. Jones, Westar, which provided WCNOC's "Bright-Line" Survey Response, and includes an attachment that identifies all of the balance of plant SSCs at WCGS that are important to safety, and thus, are within the scope of 10 CFR 73.54. Providing a copy of WCNOC Letter WM 10-0021 and its attachment satisfies the intent of the NERC letter (Reference 3).

In accordance with the requirements of 10 CFR 73.54 (b)(1), a comprehensive identification of SSCs subject to the requirements of 10 CFR 73.54 will be developed during the implementation of the cyber security program. The program will be implemented in accordance with the schedule submitted to the NRC by Reference 2, which submitted a request for an amendment to Renewed Facility Operating License No. NPF-42 for the Wolf Creek Generating Station (WCGS) and requested Commission review and approval of a cyber security plan in accordance with 10 CFR 73.54. This identification of SSCs will be available for inspection upon completion and will contain those SSCs as identified in the attachment of WCNOC's "Bright-Line" Survey Response, WM 10-0021 (Enclosed). Providing the requested information in this alternate manner satisfies the intent of the NERC letter.

In Reference 3, NERC is also requiring that each nuclear power plant submit a revised cyber security plan to the NRC for its review and approval. On or before November 30, 2010, WCNOC will supplement the WCGS Cyber Security Plan to clarify the scope of systems described in Section 2.1, "Scope and Purpose." Section 2.1, will be amended to clarify the balance of plant SSCs that will be included in the scope of the cyber security program.

The Attachment provides a List of Regulatory Commitments made in this submittal.

If you have any questions concerning this matter, please contact me at (620) 364-4008, or Mr. Richard D. Flannigan at (620) 364-4117.

Sincerely,

A handwritten signature in black ink, appearing to read "m w Sunseri".

Matthew W. Sunseri

MWS/rlt

Attachment
Enclosure

cc: E. E. Collins (NRC), w/a, w/e
G. B. Miller (NRC), w/a, w/e
B. K. Singal (NRC), w/a, w/e
Senior Resident Inspector (NRC), w/a, w/e

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818 S. Kansas Avenue - 10th Floor
Topeka, KS 66612

Eric Leeds, (NRC), w/a, w/e
Director, Office of Nuclear Reactor Regulation
One White Flint North (MS: 13H16M)
11555 Rockville Pike
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Director, Office of Nuclear Security and Incident Response
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11555 Rockville Pike
Rockville, MD 20852-2738

LIST OF REGULATORY COMMITMENTS

The following table identifies those actions committed to by WCNOC in this document. Any other statements in this submittal are provided for information purposes and are not considered to be regulatory commitments. Please direct questions regarding these commitments to Mr. Richard Flannigan at (620) 364-4117.

Regulatory Commitments	Due Date / Event
Wolf Creek Nuclear Operating Corporation (WCNOC) will supplement the Wolf Creek Generating Station (WCGS) Cyber Security Plan to clarify the scope of systems described in Section 2.1, "Scope and Purpose." Section 2.1, will be amended to clarify the balance of plant Systems, Structures, and Components (SSCs) that will be included in the scope of the cyber security program.	November 30, 2010

Enclosure to Letter WM 10-0026

4 Pages

WOLF CREEK NUCLEAR OPERATING CORPORATION

Matthew W. Sunseri
President and Chief Executive Officer

July 16, 2010

WM 10-0021

Mr. Bo Jones
Director of NERC Compliance
Westar Energy Inc.
818 S. Kansas Ave.
P.O. Box 889
Topeka, Kansas 66601

Reference: 1. NEI Letter dated June 18, 2010, from M. S. Fertel, NEI to G. B. Jaczko, NRC, & J. Wellinghoff, FERC

2. Letter dated June 15, 2010 from J. Hughes, NERC, to M. Gammon KCPL

Subject: Wolf Creek Nuclear Operating Corporations Endorsement of NEI position and Corresponding "Bright-Line" Survey Response

Mr. Jones,

This letter is to inform you of Wolf Creek Nuclear Operating Corporation's (WCNOC) official position with respect to the North American Electric Reliability Corporation's (NERC) "Bright Line" survey provided by reference 2, and reference 1 the Nuclear Energy Institute (NEI) letter to the Chairmen of the Nuclear Regulatory Commission (NRC) and Federal Energy Regulatory Commission (FERC).

WCNOC fully endorses the NEI position described in reference 1 and has completed the corresponding "Bright Line" survey consistent with the discussion in that letter. This response is in alignment with all other nuclear utilities.

WCNOC has attached the survey response for Wolf Creek Generating Station (WCGS), including site-by-site items listed in the miscellaneous and power sections of the System List, that is consistent with the position described in reference 1.

If you have any questions concerning this matter, please contact me at (620) 364-4008, or Mr. Richard D. Flannigan, Manager Regulatory Affairs at (620) 364-4117.

Sincerely,

A handwritten signature in black ink, appearing to read "M W Sunseri". The signature is fluid and cursive, with the first and last names being more legible than the middle initial.

Matthew W. Sunseri

MWS/rlt

Attachment: WCNOG Response to NERC "Bright Line" Survey

Survey Question 1: Does Attachment I, as written, include all SSCs in the balance of plant of your power plant that could impact the reliable delivery of electricity to the Bulk Power System, but do not impact safety functions, security functions, or emergency response functions as defined in 10 C.F.R. Section 73?

YES

NO

If the answer to this question is "no", please make any corrections to the existing systems list in Attachment I to include all applicable systems. Additionally, please identify those components that should be excluded from the systems identified in Attachment I that would have functions as defined in 10 C.F.R. Section 73. Please include an explanation justifying your changes.

The following proposed Nuclear Industry Response provides the justification for excluding the identified components or systems:

The NRC Cyber Security Rule, 10 CFR 73.54, requires, in part:

(a)(1) The licensee shall protect digital computer and communication systems and networks associated with:

(i) Safety-related and important-to safety functions;

And

(iv) Support systems and equipment which, if compromised, would adversely impact safety, security, or emergency preparedness functions.

(2) The licensee shall protect the systems and networks identified in paragraph (a)(1) of this section from cyber attacks...

We interpret these provisions to include all systems that could impact reactivity (i.e., cause a reactor shutdown or change in reactor power).

The majority of the systems in Table 1 may support the reliability of the bulk-power system, but could also directly or indirectly impact reactivity. These systems would therefore fall under the scope of the NRC Rule. Additionally, 10 CFR 73.54 (a)(2) requires licensees to protect systems, not components. As such, if a plant system contains one or more components that could impact reactivity, then the system falls under the scope of 10 CFR 73.54.

We have not identified systems in the Balance of Plant that could impact bulk-power reliability that do not also have an impact on reactivity.

Comment on the systems provided in Attachment 2 is not necessary as this identification of systems will be performed during the implementation of the NRC approved cyber security plan. The cyber security plan is executed in accordance with the implementation schedule submitted to the NRC in compliance with the requirements of 10 CFR 73.54.

NERC Survey System List	Impact Reactivity – Subject to 10 CFR 73.54
Water Systems	
• Heater/Drain System	Yes
• Condensate System	Yes
• Water Cleanup System, Chemical Treatment	No
• Circulating Water	Yes
• Non-Safety Cooling Water	Yes
• Feedwater Lube Oil System	Yes
Steam Systems	
• Extraction Steam	Yes
• Gland Steam	Yes
Generator	
• Generator Exciter and Control Systems	Yes
• Generator and Support System	Yes
• Electro-hydraulic System – (Excluding Fast Acting Solenoid Valve)	Yes
• Nitrogen, CO ₂ , and Hydrogen Systems	No - for CO ₂ and Nitrogen systems, except, Yes – for Hydrogen system.
• Isophase Bus Duct Cooling	Yes
• Lube Oil System	Yes
Miscellaneous	
• Air Removal System (Pressurized Water Reactor)	Yes
• Station and Service Air System	Yes
• Computer systems and SSCs feeding Energy Management System (EMS)	No
Power	
• Switchyard	No - for all equipment except, Yes – for all equipment downstream of the main transformers out to the first breaker.
• Non-Safety Related Power Distribution (AC/DC)	Yes