

June 23, 2006

Mr. Rick A. Muench
President and Chief Executive Officer
Wolf Creek Nuclear Operating Corporation
Post Office Box 411
Burlington, KS 66839

SUBJECT: WOLF CREEK GENERATING STATION - CLOSEOUT OF LICENSEE'S
RESPONSE TO GENERIC LETTER 2006-03, "POTENTIALLY
NONCONFORMING HEMYC AND MT FIRE BARRIER CONFIGURATIONS"
(TAC NO. MD1649)

Dear Mr. Muench:

By letter dated May 31, 2006 (ET 06-0022), the Wolf Creek Nuclear Operating Corporation (the licensee) responded to Generic Letter (GL) 2006-03, "Potentially Nonconforming Hemyc and MT Fire Barrier Configurations," for the Wolf Creek Generating Station (WCGS). Under oath or affirmation, the licensee stated that it does not use either the Hemyc or MT fire barrier system for fire barrier separation of redundant post-fire safe shutdown trains. Instead, Darmatt KM-1 (predominant fire barrier material) and Thermo-Lag 330-1 (limited applications) are used for raceway fire barrier protection for these trains. It is also stated that both these fire protection materials meet 10 CFR Part 50, Appendix R, III.G requirements, as discussed in the WCGS Updated Safety Analysis Report, and have been installed consistent with industry fire testing, with unique configurations that are not directly bounded to tested configurations evaluated in accordance with GL 86-10, Supplement 1, "Fire Endurance Test Acceptance Criteria for Fire Barrier Systems Used to Separate Redundant Safe Shutdown Trains Within the Same Fire Area," dated March 25, 1994. This evaluation is to assure that the installed fire barrier systems provide the required level of fire protection. The fire-rated enclosures are inspected by the licensee every 18 months to ensure the ongoing integrity of the fire barriers.

Based on the letter dated May 31, 2006, the Nuclear Regulatory Commission (NRC) staff concludes that the fire barrier systems at WCGS, that separate redundant safe shutdown trains located within the same fire area, have been designed and installed in accordance with current NRC guidance. The basis for your conclusion that these fire barriers have been designed and installed in accordance with NRC guidance should be maintained on site and will be subject to inspection during the normal NRC inspection process. This letter closes out the NRC staff review of your response to GL 2006-03 for WCGS. If you have any questions regarding this letter, please contact me at 301-415-1307.

Sincerely,

/RA/
Jack Donohew, Senior Project Manager
Plant Licensing Branch IV
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-482

cc: See next page

Mr. Rick A. Muench
President and Chief Executive Officer
Wolf Creek Nuclear Operating Corporation
Post Office Box 411
Burlington, KS 66839

June 23, 2006

SUBJECT: WOLF CREEK GENERATING STATION - CLOSEOUT OF LICENSEE'S
RESPONSE TO GENERIC LETTER 2006-03, "POTENTIALLY
NONCONFORMING HEMYC AND MT FIRE BARRIER CONFIGURATIONS"
(TAC NO. MD1649)

Dear Mr. Muench:

By letter dated May 31, 2006 (ET 06-0022), the Wolf Creek Nuclear Operating Corporation (the licensee) responded to Generic Letter (GL) 2006-03, "Potentially Nonconforming Hemyc and MT Fire Barrier Configurations," for the Wolf Creek Generating Station (WCGS). Under oath or affirmation, the licensee stated that it does not use either the Hemyc or MT fire barrier system for fire barrier separation of redundant post-fire safe shutdown trains. Instead, Darmatt KM-1 (predominant fire barrier material) and Thermo-Lag 330-1 (limited applications) are used for raceway fire barrier protection for these trains. It is also stated that both these fire protection materials meet 10 CFR Part 50, Appendix R, III.G requirements, as discussed in the WCGS Updated Safety Analysis Report, and have been installed consistent with industry fire testing, with unique configurations that are not directly bounded to tested configurations evaluated in accordance with GL 86-10, Supplement 1, "Fire Endurance Test Acceptance Criteria for Fire Barrier Systems Used to Separate Redundant Safe Shutdown Trains Within the Same Fire Area," dated March 25, 1994. This evaluation is to assure that the installed fire barrier systems provide the required level of fire protection. The fire-rated enclosures are inspected by the licensee every 18 months to ensure the ongoing integrity of the fire barriers.

Based on the letter dated May 31, 2006, the Nuclear Regulatory Commission (NRC) staff concludes that the fire barrier systems at WCGS, that separate redundant safe shutdown trains located within the same fire area, have been designed and installed in accordance with current NRC guidance. The basis for your conclusion that these fire barriers have been designed and installed in accordance with NRC guidance should be maintained on site and will be subject to inspection during the normal NRC inspection process. This letter closes out the NRC staff review of your response to GL 2006-03 for WCGS. If you have any questions regarding this letter, please contact me at 301-415-1307.

Sincerely,
/RA/
Jack Donohew, Senior Project Manager
Plant Licensing Branch IV
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-482

cc: See next page

DISTRIBUTION

PUBLIC LPLIV r/f
RidsNrrDorl (CHaney/CHolden)
RidsNrrDorlLpl4 (DTerao) QNguyen, DPR
RidsNrrPMJDonohew RidsNrrLALFeizollahi
RidsAcrsAcnwMailCenter RidsOgcRp
RidsRegion4MailCenter (BJones) SWeerakkody

ACCESSION NO.: ML061650179

(letter changes checked with AFPB - jnd 06/20/06)

OFFICE	NRR/LPL4/PM	NRR/LPL4/LA	AFPB/BC	NRR/LPL4/BC
NAME	JDonohew	LFeizollahi	SWeerakkody	DTerao
DATE	06/16/06	06/20/06	06/19/2006	06/23/06

OFFICIAL RECORD COPY

Wolf Creek Generating Station

cc:

Jay Silberg, Esq.
Pillsbury Winthrop Shaw Pittman LLP
2300 N Street, NW
Washington, D.C. 20037

Vice President Operations/Plant Manager
Wolf Creek Nuclear Operating Corporation
P.O. Box 411
Burlington, KS 66839

Regional Administrator, Region IV
U.S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011

Supervisor Licensing
Wolf Creek Nuclear Operating Corporation
P.O. Box 411
Burlington, KS 66839

Senior Resident Inspector
U.S. Nuclear Regulatory Commission
P.O. Box 311
Burlington, KS 66839

U.S. Nuclear Regulatory Commission
Resident Inspectors Office/Callaway Plant
8201 NRC Road
Steedman, MO 65077-1032

Chief Engineer, Utilities Division
Kansas Corporation Commission
1500 SW Arrowhead Road
Topeka, KS 66604-4027

Office of the Governor
State of Kansas
Topeka, KS 66612

Attorney General
120 S.W. 10th Avenue, 2nd Floor
Topeka, KS 66612-1597

County Clerk
Coffey County Courthouse
110 South 6th Street
Burlington, KS 66839

Chief, Radiation and
Asbestos Control Section
Kansas Department of Health
and Environment
Bureau of Air and Radiation
1000 SW Jackson, Suite 310
Topeka, KS 66612-1366

February 2006