



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

June 2, 2014

Mr. Adam C. Heflin
President, Chief Executive Officer,
and Chief Nuclear Officer
Wolf Creek Nuclear Operating Corporation
Post Office Box 411
Burlington, KS 66839

SUBJECT: WOLF CREEK GENERATING STATION – REQUEST FOR ADDITIONAL
INFORMATION REGARDING FLOOD HAZARD REEVALUATION REPORT
(TAC NO. MF3648)

Dear Mr. Heflin:

By letter dated March 12, 2012 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML12053A340), the U.S. Nuclear Regulatory Commission (NRC) issued a "Request for Information Pursuant to Title 10 of the *Code of Federal Regulations* 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident." By letter dated March 10, 2014 (ADAMS Accession No. ML14077A280), Wolf Creek Nuclear Operating Corporation submitted the Flood Hazard Reevaluation Report for Wolf Creek Generating Station in response to Recommendation 2.1.

The NRC staff has determined that the additional information, as requested in the enclosure, is needed to complete its review of the report. Please provide a response within 30 days of the date of this letter. If you have any questions, please contact me at 301-415-2296 or via e-mail at fred.lyon@nrc.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "CF Lyon", is positioned below the word "Sincerely,".

Carl F. Lyon, Project Manager
Plant Licensing Branch IV-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-482

Enclosure
Request for Additional Information

cc w/encl: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION
FLOOD HAZARD REEVALUATION REPORT
WOLF CREEK NUCLEAR OPERATING CORPORATION
WOLF CREEK GENERATING STATION
DOCKET NO. 50-482

By letter dated March 12, 2012 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML12053A340), the U.S. Nuclear Regulatory Commission (NRC) issued a "Request for Information Pursuant to Title 10 of the *Code of Federal Regulations* 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident." By letter dated March 10, 2014 (ADAMS Accession No. ML14077A280), Wolf Creek Nuclear Operating Corporation submitted the Flood Hazard Reevaluation Report for Wolf Creek Generating Station in response to Recommendation 2.1.

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RAI No. 1. Please provide electronic versions of the following input and output files:

1. Input files for FLO-2D modeling
2. Summary.out file from FLO-2D modeling
3. Other, supporting, output files from FLO-2D modeling to review licensee's results independent of FHRR and ERR, which typically includes the following file types:
 - MAXWSELEV.out
 - DEPTH.out
 - CHVOLUME.out
 - CHANMAX.out
 - CROSSMAX.out
 - HYCROSS.out
 - CROSSQ.out
 - HYCHAN.out
 - HYDROSTRUCT.out
 - VELTIMEC.out
 - VELTIMEFP.out
 - TIMDEP.out
4. HEC-HMS and HEC-RAS input files, including calibration input files

Enclosure

5. Supporting output files to review licensee's results, which typically include the following file types:

- HEC-HMS *.DSS
- HEC-HMS *.OUT
- HEC-RAS *.O## - output files
- HEC-RAS *.R## - restart files (depending on how the initial conditions are specified)
- HEC-RAS *.DSS

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Sincerely,

/RA/

Carl F. Lyon, Project Manager
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Division of Operating Reactor Licensing
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