



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

May 21, 2019

Vice President, Operations
Entergy Nuclear Operations, Inc.
Palisades Nuclear Plant
27780 Blue Star Memorial Highway
Covert, MI 49043-9530

SUBJECT: PALISADES NUCLEAR PLANT – CORRECTION TO SAFETY EVALUATION FOR AMENDMENT NO. 268 REGARDING REVISION TO DIESEL GENERATOR UNDERVOLTAGE START SURVEILLANCE REQUIREMENT (EPID L-2018-LLA-0153)

Dear Sir or Madam:

On May 13, 2019, the U.S. Nuclear Regulatory Commission issued Amendment No. 268 to Renewed Facility Operating License No. DPR-20 for the Palisades Nuclear Plant (Agencywide Documents Access and Management System (ADAMS) Accession No. ML19107A053).

On May 15, 2019, you notified the NRC of an error in Section 4.0 of the safety evaluation (SE). The SE erroneously refers to the Illinois State official as being contacted and having no comments. The NRC staff contacted and received confirmation that the Michigan State official had no comments via email dated February 21, 2019. The SE should reflect that the Michigan State official was contacted and had no comments.

The NRC staff concludes that the error is entirely editorial in nature. The proposed correction does not change any of the conclusions in the SE associated with the amendment and does not affect the associated notice to the public. Enclosed, please find the corrected SE page.

Sincerely,

A handwritten signature in black ink that reads "Kimberly J. Green".

Kimberly J. Green, Senior Project Manager
Plant Licensing Branch III
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-255

Enclosure:
As stated

cc: via Listserv

ENCLOSURE

PALISADES NUCLEAR PLANT

DOCKET NO. 50-255

RENEWED FACILITY OPERATING LICENSE NO. DPR-20

CORRECTED PAGE TO LICENSE AMENDMENT NO. 268

SAFETY EVALUATION PAGE 9

deviations from as-found and as-left values are tracked and controlled per the plant calibration procedures. The measurement and test instrumentation is tested and controlled per the plant administrative procedures to ensure that the test and measurement equipment is calibrated within the required accuracies.

The NRC staff reviewed the setpoint methodology and determined that it meets the intent of RG 1.105, Revision 3. The revised setpoints in the calculation resolve the calculation deficiencies identified in the LAR with regard to 10 CFR 50.36(c)(3).

3.5 Technical Conclusion

Based on analyses provided in LAR Attachments 7 and 8, the NRC staff finds that the combined time delay setpoint of ≥ 6.2 seconds and ≤ 7.1 seconds, as proposed in TS SR 3.3.5.2a.2, is acceptable. Based on the proposed degraded voltage relay (SLUR) settings, safety-related loads would be able to start and run, and provide their safety-related functions under accident conditions; therefore, the licensee will continue to meet the intent of GDCs 17 and 18.

3.6 Evaluation of Proposed TS Changes

The NRC staff reviewed the proposed changes to TS SR 3.3.5.2a. As noted in the LAR, the existing TS SR 3.3.5.2a would be retained as TS SR 3.3.5.2a.1 and a description of the relay would be added in parentheses. The new TS SR for the combined time delay (degraded voltage sensing relay and time delay relay) would be added as SR 3.3.5.2a.2. As concluded above, the staff finds that the combined time delay setpoint of ≥ 6.2 seconds and ≤ 7.1 seconds for proposed SR 3.3.5.2a.2 is acceptable. The frequency of TS SR 3.3.5.2 is not affected by the proposed change. The renumbering of SR 3.3.5.2a to 3.3.5.2a.1 and addition of the parenthetical description of the relay are administrative changes needed to accommodate the addition of the SR 3.3.5.2a.2, and therefore, are acceptable. The addition of SR 3.3.5.2a.2 for the combined time delay (degraded voltage sensing relay and time delay relay) resolves a nonconservative TS in accordance with the guidance in AL 98-10. Therefore, the NRC staff finds that the addition of TS SR 3.3.5.2a.2 is acceptable. The NRC staff has determined that SR 3.3.5.2a, as revised, represents a test of the degraded voltage relay settings to assure that the necessary quality of the degraded voltage relay settings will be maintained so that facility operation will be within the safety limits and the limiting conditions for operation will be met. Therefore, revised SR 3.3.5.2a will meet 10 CFR 50.36(c)(3). As noted in AL 98-10, once any amendment correcting the TS is approved, the licensee must update the final safety analysis report, as necessary, to comply with 10 CFR 50.71(e).

4.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Michigan State official was notified of the proposed issuance of the amendment on February 21, 2019. The State official had no comments.

5.0 ENVIRONMENTAL CONSIDERATION

The amendment changes an inspection or a surveillance requirement. The NRC staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that the amendment involves no

SUBJECT: PALISADES NUCLEAR PLANT – CORRECTION TO SAFETY EVALUATION FOR
AMENDMENT NO. 268 REGARDING REVISION TO DIESEL GENERATOR
UNDERVOLTAGE START SURVEILLANCE REQUIREMENT
(EPID L-2018-LLA-0153) DATED MAY 21, 2019

DISTRIBUTION:

PUBLIC

RidsACRS_MailCTR Resource

RidsNrrDorlLpl3 Resource

RidsNrrDssStsb Resource

RidsNrrDeEicb Resource

RidsNrrDeEeob Resource

RidsNrrPMPalisades Resource

RidsNrrLASRohrer Resource

RidsRgn3MailCenter Resource

GSingh, NRR

HVu, NRR

VGoel, NRR

PSnyder, NRR

ADAMS Accession No.: ML19135A050

OFFICE	NRR/DORL/LPL3/PM	NRR/DORL/LPL3/LA	NRR/DORL/LPL3/BC	NRR/DORLE/LPL3/PM
NAME	KGreen	SRohrer	DWrona	KGreen
DATE	05/15/19	05/15/19	05/21/19	05/21/19

OFFICIAL RECORD COPY