Entergy Nuclear Operations, Inc.
1340 Echelon Parkway
Jackson, MS 39213-8298
Tel 601-368-5573

Mandy K. Halter
Director, Nuclear Licensing

10 CFR 50.90

PNP 2019-021

April 17, 2019

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Subject: Supplement to License Amendment Request to Revise Emergency Diesel Generator Degraded Voltage Surveillance Requirement

Palisades Nuclear Plant
Docket 50-255
Renewed Facility Operating License No. DPR-20

References:

1) Entergy Nuclear Operations, Inc. letter, PNP 2018-010, *License Amendment Request to Revise Emergency Diesel Generator Degraded Voltage Surveillance Requirement*, dated May 30, 2018 (ADAMS Package Accession Number ML18152A922)

2) Entergy Nuclear Operations, Inc. letter, PNP 2019-003, *Response to Request for Additional Information for License Amendment Request to Revise Emergency Diesel Generator Degraded Voltage Surveillance Requirement*, dated February 07, 2019 (ADAMS Accession Number ML19038A047)

In Reference 1, pursuant to Title 10 of the Code of Federal Regulations, Part 50, Section 90 (10 CFR 50.90), *Application for amendment of license, construction permit, or early site permit*, Entergy Nuclear Operations, Inc. (Entergy) requested an amendment to the Renewed Facility Operating License (RFOL) for the Palisades Nuclear Plant (PNP). In Reference 2, Entergy responded to a NRC request for additional information (RAI) concerning the amendment request.

Within Reference 1, Attachment 2 provided proposed RFOL page change markups and Attachment 3 provided the proposed revised RFOL pages. These attachments contained an administrative discrepancy that has been corrected in the RFOL page change markups and the revised RFOL pages provided in Attachments 1 and 2 of this letter. Therefore, Attachments 1 and 2 of this letter supersede Attachments 2 and 3 in Reference 1.

The revised RFOL page change markups and the revised RFOL pages do not affect the no significant hazards consideration provided in Attachment 1 of Reference 1 and do not affect the Entergy response to the RAI in Reference 2. This supplement contains no proprietary

information, and identifies no new or revised regulatory commitments.

In accordance with 10 CFR 50.91(b), *State consultation*, ENO is notifying the State of Michigan of this license amendment request supplement by transmitting a copy of this letter to the designated State official.

Should you have any questions concerning this letter, or require additional information, please contact Jeff Erickson at 269-764-2375.

I declare under penalty of perjury that the foregoing is true and correct. Executed on April 17, 2019.

Sincerely,

Mandy K Halter

MKH/jse

Attachments:
1. Proposed Palisades Nuclear Plant Renewed Facility Operating License Page Changes (markup)
2. Renewed Facility Operating License Page Change Instructions and Revised Palisades Nuclear Plant Renewed Facility Operating License Pages

cc: Administrator, Region III, USNRC
Project Manager, Palisades, USNRC
Resident Inspector, Palisades, USNRC
State of Michigan

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ATTACHMENT 1

Proposed Palisades Nuclear Plant

Renewed Facility Operating License Page Changes (markup)

(showing proposed changes; additions are highlighted and deletions are strikethrough)

Two pages follow

(1) Pursuant to Section 104b of the Act, as amended, and 10 CFR Part 50, "Licensing of Production and Utilization Facilities," (a) ENP to possess and use, and (b) ENO to possess, use and operate, the facility as a utilization facility at the designated location in Van Buren County, Michigan, in accordance with the procedures and limitation set forth in this license;

(2) ENO, pursuant to the Act and 10 CFR Parts 40 and 70, to receive, possess, and use source and special nuclear material as reactor fuel, in accordance with the limitations for storage and amounts required for reactor operation, as described in the Updated Final Safety Analysis Report, as supplemented and amended;

(3) ENO, pursuant to the Act and 10 CFR Parts 30, 40, and 70, to receive, possess, and use byproduct, source, and special nuclear material as sealed sources for reactor startup, reactor instrumentation, radiation monitoring equipment calibration, and fission detectors in amounts as required;

(4) ENO, pursuant to the Act and 10 CFR Parts 30, 40, and 70, to receive, possess, and use in amounts as required any byproduct, source, or special nuclear material for sample analysis or instrument calibration, or associated with radioactive apparatus or components; and

(5) ENO, pursuant to the Act and 10 CFR Parts 30, 40, and 70, to possess, but not separate, such byproduct and special nuclear materials as may be produced by the operations of the facility.

C. This renewed operating license shall be deemed to contain and is subject to the conditions specified in the Commission's regulations in 10 CFR Chapter I and is subject to all applicable provisions of the Act; to the rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the additional conditions specified or incorporated below:

(1) ENO is authorized to operate the facility at steady-state reactor core power levels not in excess of 2565.4 Megawatts thermal (100 percent rated power) in accordance with the conditions specified herein.

(2) The Technical Specifications contained in Appendix A, as revised through Amendment No. ~~263~~ XXX, and the Environmental Protection Plan contained in Appendix B are hereby incorporated in the license. ENO shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

(3) Fire Protection

ENO shall implement and maintain in effect all provisions of the approved fire protection program that comply with 10 CFR 50.48(a) and 10 CFR 50.48(c), as specified in the license amendment request dated December 12, 2012 and November 1, 2017, as supplemented by letters dated February 21, 2013, September 30, 2013, October 24, 2013, December 2, 2013, April 2, 2014, May 7,

SURVEILLANCE REQUIREMENTS

SURVEILLANCE		FREQUENCY
SR 3.3.5.2	Perform CHANNEL CALIBRATION on each Loss of Voltage and Degraded Voltage channel with setpoints as follows: a. Degraded Voltage Function ≥ 2187 V and ≤ 2264 V 1. Time delay (degraded voltage sensing relay): ≥ 0.5 seconds and ≤ 0.8 seconds; and 2. Time delay (degraded voltage sensing relay plus time delay relay): ≥ 6.2 seconds and ≤ 7.1 seconds. b. Loss of Voltage Function ≥ 1780 V and ≤ 1940 V Time delay: ≥ 5.45 seconds and ≤ 8.15 seconds at 1400 V.	18 months

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ATTACHMENT 2

Renewed Facility Operating License Page Change Instructions

and

Revised Palisades Nuclear Plant Renewed Facility Operating License Pages

Three pages follow

ATTACHMENT TO LICENSE AMENDMENT NO. 2XX

RENEWED FACILITY OPERATING LICENSE NO. DPR-20

DOCKET NO. 50-255

Remove the following pages of the Renewed Facility Operating License and Appendix A, Technical Specification, and replace them with the attached revised pages. The revised pages contain a line in the margin indicating the area of change.

Renewed Facility Operating License pages:

REMOVE	INSERT
Page 3	Page 3

Appendix A, Technical Specification pages:

REMOVE	INSERT
Page 3.3.5-2	Page 3.3.5-2

(1) Pursuant to Section 104b of the Act, as amended, and 10 CFR Part 50, "Licensing of Production and Utilization Facilities," (a) ENP to possess and use, and (b) ENO to possess, use and operate, the facility as a utilization facility at the designated location in Van Buren County, Michigan, in accordance with the procedures and limitation set forth in this license;

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(3) ENO, pursuant to the Act and 10 CFR Parts 30, 40, and 70, to receive, possess, and use byproduct, source, and special nuclear material as sealed sources for reactor startup, reactor instrumentation, radiation monitoring equipment calibration, and fission detectors in amounts as required;

(4) ENO, pursuant to the Act and 10 CFR Parts 30, 40, and 70, to receive, possess, and use in amounts as required any byproduct, source, or special nuclear material for sample analysis or instrument calibration, or associated with radioactive apparatus or components; and

(5) ENO, pursuant to the Act and 10 CFR Parts 30, 40, and 70, to possess, but not separate, such byproduct and special nuclear materials as may be produced by the operations of the facility.

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(1) ENO is authorized to operate the facility at steady-state reactor core power levels not in excess of 2565.4 Megawatts thermal (100 percent rated power) in accordance with the conditions specified herein.

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