



Indiana Michigan Power
Cook Nuclear Plant
One Cook Place
Bridgman, MI 49106
indianamichiganpower.com

August 20, 2026

AEP-NRC-2026-49
10 CFR 21.21(d)(3)(ii)

Docket Nos.: 50-315
50-316

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

Donald C. Cook Nuclear Plant Unit 1 and Unit 2
Part 21 30-day Notification

Indiana Michigan Power Company, the licensee for Donald C. Cook Nuclear Plant Units 1 and 2, is providing as the enclosure to this letter, the required written notification of a defect of a basic component in accordance with 10 CFR 21.21(d)(3)(ii). The enclosed notification pertains to a deficient Thermal Overload used in an Electric Starter supplied by Framatome.

There are no commitments included in this submittal. Should you have any questions, please contact Amanda M. Britton, Regulatory Affairs Director, at (269) 466-3468.

Sincerely,

Signed by:

0022974E81B443C...

Scott A. Dailey
Site Vice President

ALS/sjh

Enclosure: Part 21 Notification Electric Starter supplied by Framatome

c: EGLE – RMD/RPS
M. Shuaibi – NRC Region III
NRC Resident Inspector
N. Quilico – MPSC
R. M. Sistevaris – AEP Ft. Wayne
S. P. Wall - NRC Washington D.C.
A. J. Williamson – AEP Ft. Wayne

**Enclosure to AEP-NRC-2026-49
Part 21 Notification of
Electric Starter supplied by Framatome**

1. Name and address of the individual or individuals informing the Commission.

Scott A. Dailey
Site Vice President
Cook Nuclear Plant
Indiana Michigan Power Company
1 Cook Place
Bridgman, MI 49106

2. Identification of the facility, the activity, or the basic component supplied for such a facility or such activity within the United States which fails to comply or contains a defect.

Cook Nuclear Plant (CNP) Unit 1
Docket No. 50-315
License No. DPR-58
Cook Nuclear Plant Unit 2
Docket No. 50-316
License No. DPR-74
Basic Component: Electric Starter supplied by Framatome

3. Identification of the firm constructing the facility or supplying the basic component which fails to comply or contains a defect.

Framatome Inc.
3315 Old Forest Road
Lynchburg, VA 24501
Tel: 434-832-3000

4. Nature of the defect or failure to comply and safety hazard which is created or could be created by such defect or failure to comply.

An electric starter was supplied containing a deficiency that was determined to be a defect. The deficiency was associated with a thermal overload (TOL) installed in the electric starter that had a line-side conductor screw that was installed in a stripped threaded hole. The stripped threads prevented the conductor screw from maintaining the required torque, resulting in a loose electrical connection. The loose connection caused a high-resistance condition and elevated temperature. The stripped thread was determined to have existed prior to site receipt.

The deficiency caused the Unit 1 AB Emergency Diesel Generator (EDG) room exhaust fan to trip and resulted in the associated EDG being declared inoperable, thus creating a substantial safety hazard.

5. The date on which the information of such defect or failure to comply was obtained.

The evaluation was completed July 15, 2026.

6. In the case of a basic component which contains a defect or fails to comply, the number and location of these components in use at, supplied for, being supplied for, or may be supplied for, manufactured, or being manufactured for one or more facilities or activities subject to the regulations in this part.

The subject Electric Starter containing the deficient TOL subcomponent was supplied by Framatome Inc.

P/N: AN16DN0BB Lot: 1358063

The electric starter containing the defect was installed in the U1 AB EDG room exhaust fan.

In addition to the electric starter containing the defect, CNP had one spare in stock, and one installed elsewhere in the plant. Both were inspected and verified to not have loose connections.

Whether the basic component supplied to other licensees is unknown to CNP. Contact the vendor for additional information.

7. The corrective action which has been, is being, or will be taken; the name of the individual or organization responsible for the action; and the length of time that has been or will be taken to complete the action.

CNP Completed corrective actions:

- Replaced the electric starter containing the defect.
- Completed an extent-of-condition review of installed and spare electric starters from the applicable procurement population.
- Revised the preventative maintenance and testing procedure to inspect TOLs on electric starters prior to installation.

CNP Planned corrective actions:

- None

8. Any advice related to the defect or failure to comply about the facility, activity, or basic component that has been, is being, or will be given to purchasers or licensees.

None.

9. In the case of an early site permit, the entities to whom an early site permit was transferred.

Not Applicable.