

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-315

INDIANA & MICHIGAN ELECTRIC COMPANY
INDIANA & MICHIGAN POWER COMPANY

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 18 to Facility Operating License No. DPR-58, issued to Indiana & Michigan Electric Company and Indiana & Michigan Power Company (the licensees), which revised the license and Technical Specifications for operation of the Donald C. Cook Nuclear Plant Unit No. 1 (the facility) located in Berrien County, Michigan. The amendment is effective as of its date of issuance.

The amendment revised the facility license and its appended Technical Specifications to authorize continued full power operation with (1) 65 Exxon Nuclear Company (ENC) 15 x 15 reload fuel assemblies, (2) operating limits based on an ENC ECCS evaluation model that conforms with the requirements of Section 50.46 of 10 CFR Part 50, (3) modifications to certain electrically operated ECCS related valves, (4) revised surveillance requirements for ice condenser portion of the containment systems, and (5) corrections to the Technical Specification requirements for containment air recirculation fan response time, containment penetration and valve leakage rates, the audit responsibilities of the off-site review committee, and safety related hydraulic snubbers.

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The applications for the amendment comply with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendment. Notice of Proposed Issuance of Amendment to Facility Operating License in connection with items (1) and (2) above was published in the Federal Register on September 7, 1976 (41 F.R. 37679). No request for a hearing or petition for leave to intervene was filed following notice of the proposed action on items (1) and (2) above. Prior public notice of items (3), (4) and (5) above was not required since these items do not involve a significant hazards consideration.

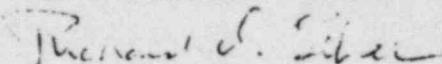
The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4), an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of this amendment.

For further details with respect to this action, see (1) the applications for amendment dated July 20 and December 7, 1976, and February 4 and 9, 1977, and supplements dated July 19, October 1, November 5, 17, 23 and 30, and December 7, 9, and 13, 1976, and February 8 and 9,

1977, (2) Amendment No. 18 to License No. DPR-58, and (3) the Commission's related Safety Evaluation. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C., and at the Maude Preston Palenske Memorial Library, 500 Market Street, St. Joseph, Michigan 49085. A single copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Operating Reactors.

Dated at Bethesda, Maryland, this 16th day of February, 1977.

FOR THE NUCLEAR REGULATORY COMMISSION



Richard D. Silver, Acting Chief
Operating Reactors Branch #2
Division of Operating Reactors