

Docket No. 50-237

OCT 21 1969

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 bcc: A. A. Wells, ASLBP

Commonwealth Edison Company
 72 West Adams Street
 Chicago, Illinois 60690

Attention: Mr. W. B. Behnke
 Assistant to the President

Gentlemen:

With my letter to you dated September 18, 1969, you were sent a copy of a report from the Advisory Committee on Reactor Safeguards concerning the Committee's review of your application for a license to operate the Dresden Nuclear Power Station Unit 2.

In view of the Committee's report, the Atomic Energy Commission has forwarded to the Office of the Federal Register for filing and publication a notice relating to the proposed issuance of a provisional operating license to Commonwealth Edison Company for operation of Dresden Unit 2 at steady state power levels not to exceed 2527 megawatts (thermal). A copy of the notice is enclosed, together with copies of the proposed license and a related safety evaluation prepared by the Division of Reactor Licensing.

Sincerely yours,

Original Signed by
 Peter A. Morris

Peter A. Morris, Director
 Division of Reactor Licensing

Enclosures:

1. Fed. Reg. Notice
2. Proposed License
3. DRL Safety Evaluation

bcc: H. J. McAlduff, ORO
 E. E. Hall, GMR/H
 J. A. Harris, PI
 E. Tremmel, IP
 R. Leith, OC
 J. R. Buchanan, ORNL
 T. W. McLaughlin, DTIE

OFFICE ▶	DRL:RP <i>hs</i>	DRL:RP <i>RL</i>	OGC <i>W</i>	DRL:RP <i>RS</i>	DRL <i>W</i>	
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DATE ▶	10/13/69	10/16/69	10/17/69	10/17/69	10/17/69	

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 50-237

COMMONWEALTH EDISON COMPANY

NOTICE OF PROPOSED ISSUANCE OF PROVISIONAL OPERATING LICENSE

The Atomic Energy Commission (the Commission) is considering the issuance of a provisional operating license to Commonwealth Edison Company (Commonwealth Edison) which would authorize the licensee to possess, use, and operate the Dresden Nuclear Power Station Unit 2 (Dresden 2), a single cycle, boiling, light water reactor, on Commonwealth Edison's site in Grundy County, Illinois, at steady state power levels not to exceed 2527 megawatts (thermal), in accordance with the provisions of the license and the Technical Specifications appended thereto. Construction of Dresden 2 was authorized by Provisional Construction Permit No. CPPR-18 issued by the Commission on January 10, 1966.

The Commission has found that the application for the facility license (as amended) complies with the requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations published in 10 CFR, Chapter 1.

Prior to issuance of the provisional operating license, the facility will be inspected by the Commission to determine whether it has been constructed in accordance with the application, as amended, and the provisions of Provisional Construction Permit No. CPPR-18. The license will be issued after the Commission makes the findings, reflecting its review of the application, which are set forth in the proposed license, and concludes that the issuance of this license will not be inimical to the common defense and security or to the health and safety of the public. Upon issuance of the license, Commonwealth Edison will be required to execute an indemnity agreement as required by Section 170

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of the Act and 10 CFR Part 140 of the Commission's regulations.

In the event that construction has not been completed to permit full power operation, the Commission may issue a provisional operating license consistent with the level of construction completed to permit initial fuel loading and low power testing prior to the issuance of the full power license.

Concurrently with its safety review of the application for Dresden 2, the Commission conducted a safety review of Dresden Nuclear Power Station Unit 3 (Dresden 3), which is identical in design to Dresden 2 and is presently under construction as authorized by Provisional Construction Permit No. CPPR-22 issued by the Commission on October 14, 1966 (Docket No. 50-249). Construction of Dresden 3 is anticipated to be completed in approximately one year. At the time the construction of Dresden 3 nears completion, and appropriate reviews of the application by the Commission and the Advisory Committee on Reactor Safeguards have been completed, the Commission will publish a notice in the FEDERAL REGISTER pursuant to the requirements of 10 CFR Part 2 of the Commission's regulations concerning the issuance of a provisional operating license to Commonwealth Edison for the operation of Dresden 3.

Within thirty (30) days from the date of publication of the notice for Dresden 2 in the FEDERAL REGISTER, Commonwealth Edison may file a request for a hearing and any person whose interest may be affected by this proceeding may file a petition for leave to intervene. Requests for a hearing and petitions to intervene shall be filed in accordance with the Commission's rules of practice in 10 CFR Part 2. If a request for a hearing or petition for leave to intervene is filed within the time prescribed in this notice, the Commission will issue a notice of hearing or appropriate order.

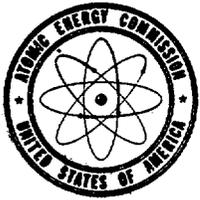
For further details with respect to this proposed provisional operating license, see (1) the Commonwealth Edison application for a facility license dated November 17, 1967, as amended, (Amendment Nos. 7 through 20), (2) the report of the Advisory Committee on Reactor Safeguards on the application for Dresden 2, dated September 10, 1969, (3) the proposed provisional operating license, including Technical Specifications attached as Appendix A, and (4) a related safety evaluation prepared by the Division of Reactor Licensing, all of which will be available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. Copies of items (2) and (4) above may be obtained at the Commission's Public Document Room or upon request addressed to the Atomic Energy Commission, Washington, D. C. 20545, Attention: Director, Division of Reactor Licensing.

Dated at Bethesda, Maryland, this ____ day of October, 1969.

FOR THE ATOMIC ENERGY COMMISSION

Peter A. Morris

Peter A. Morris, Director
Division of Reactor Licensing



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

COMMONWEALTH EDISON COMPANY

DOCKET NO. 50-237

PROPOSED PROVISIONAL OPERATING LICENSE

License No. DPR-

The Atomic Energy Commission (the Commission) having found that:

- a. The application for a facility license dated November 17, 1967, as amended, (Amendment Nos. 7 through 20, dated August 30, 1968, November 21, 1968, February 28, 1969, March 18, 1969, April 16, 1969, May 20, 1969, July 2, 1969, July 22, 1969, August 5, 1969, August 8, 1969, August 18, 1969, August 18, 1969, September 2, 1969, and October 16, 1969, respectively) complies with the requirements of the Atomic Energy Act of 1954, as amended, and the Commission's regulations set forth in Title 10, Chapter 1, CFR;
- b. The facility has been constructed in accordance with the application, as amended, and the provisions of Provisional Construction Permit No. CPPR-18;
- c. There are involved features, characteristics and components as to which it is desirable to obtain actual operating experience before the issuance of an operating license for the full term requested in the application;
- d. There is reasonable assurance (i) that the facility can be operated at steady state power levels not in excess of 2527 megawatts (thermal) in accordance with this license without endangering the health and safety of the public, and (ii) that such activities will be conducted

- in compliance with the rules and regulations of the Commission;
- e. The applicant is technically and financially qualified to engage in the activities authorized by this license, in accordance with the rules and regulations of the Commission;
 - f. The applicant has furnished proof of financial protection to satisfy the requirements of 10 CFR Part 140;
 - g. The issuance of this license will not be inimical to the common defense and security or to the health and safety of the public;

Provisional Operating License No. DPR- is hereby issued to Commonwealth Edison Company (Commonwealth Edison), as follows:

- 1. This license applies to the Dresden Nuclear Power Station Unit 2, a single cycle, boiling, light water reactor, and electric generating equipment (the facility). The facility is located at the Dresden Nuclear Power Station in Grundy County, Illinois, and is described in the "Safety Analysis Report," as supplemented and amended (Amendment Nos. 7 through 20).
- 2. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses Commonwealth Edison:
 - A. Pursuant to Section 104b of the Atomic Energy Act of 1954, as amended (the Act), and 10 CFR Part 50, "Licensing of Production and Utilization Facilities," to possess, use, and operate the facility as a utilization facility at the designated location at the Dresden Nuclear Power Station;
 - B. Pursuant to the Act and 10 CFR Part 70, "Special Nuclear Material," to receive, possess and use at any one time up to 5,000 kilograms of contained uranium 235 in connection with operation of the facility;

- C. Pursuant to the Act and 10 CFR Part 30, "Rules of General Applicability to Licensing of Byproduct Material," to receive, possess, and use in connection with operation of the facility 17,500 curies Antimony 122-124 as fourteen sealed sources not to exceed 1,250 curies each; and six curies Americium 241 as a sealed source; and
 - D. Pursuant to the Act and 10 CFR Parts 30 and 70, to possess, but not to separate, such byproduct and special nuclear material as may be produced by operation of the facility.
3. This license shall be deemed to contain and is subject to the conditions specified in the following Commission regulations: 10 CFR Part 20, Section 30.34 of 10 CFR Part 30, Section 40.41 of 10 CFR Part 40, Sections 50.54 and 50.59 of 10 CFR Part 50, and Section 70.32 of 10 CFR Part 70; and is subject to the additional conditions specified below:
- A. Maximum Power Level

Commonwealth Edison is authorized to operate the facility at steady state power levels not in excess of 2527 megawatts (thermal).
 - B. Technical Specifications

The Technical Specifications contained in Appendix A attached hereto are hereby incorporated in this license. Commonwealth Edison shall operate the facility at steady state power levels not in excess of 2527 megawatts (thermal) in accordance with the Technical Specifications, and may make changes therein only when authorized by the Commission in accordance with the provisions of Section 50.59 of 10 CFR Part 50.

C. Reports

Commonwealth Edison shall make certain reports in accordance with the requirements of the Technical Specifications.

D. Records

Commonwealth Edison shall keep facility operating records in accordance with the requirements of the Technical Specifications.

4. This license is effective as of the date of issuance and shall expire eighteen (18) months from said date, unless extended for good cause shown, or upon the earlier issuance of a superseding operating license.

FOR THE ATOMIC ENERGY COMMISSION

Peter A. Morris, Director
Division of Reactor Licensing

Attachment:
Appendix A - Technical Specifications

Date of Issuance:

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