



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

Docket File

February 20, 1991

Docket No. 50-237

Mr. Thomas J. Kovach
Nuclear Licensing Manager
Commonwealth Edison Company-Suite 300
OPUS West III
1400 OPUS Place
Downers Grove, Illinois 60515

Dear Mr. Kovach:

SUBJECT: ISSUANCE OF FULL-TERM OPERATING LICENSE DPR-19 - DRESDEN NUCLEAR
POWER STATION, UNIT 2 (TAC NO. 11222)

In response to your application dated November 15, 1972, as substantially supplemented March 16, 1973, for conversion of your provisional operating license to a full-term operating license, the Commission has issued the enclosed Facility Operating License No. DPR-19 to operate the Dresden Nuclear Power Station, Unit 2, at steady-state reactor core power levels not in excess of 2527 megawatts (thermal), in accordance with the provisions of the license and the Technical Specifications.

Dresden Nuclear Power Station, Unit 2, has operated since December 22, 1969, under Provisional Operating License No. DPR-19. Facility Operating License No. DPR-19 supersedes Provisional Operating License No. DPR-19 in its entirety. All orders issued under the Provisional Operating License remain in effect under Facility Operating License No. DPR-19.

We are reformatting the license, as necessary, to achieve consistency with the language used in contemporary licenses. Certain requirements have been deleted from the license itself because they are already in the Technical Specifications or they are no longer applicable. The license changes have been agreed to by your staff.

There were certain exemptions granted under the provisional license and those remain in effect. Those exemptions have been included in Section 2.D of the enclosed license.

The Technical Specifications contained in Appendix A are not being reissued. The numbering system for future amendments to the new Facility Operating License No. DPR-19 will continue from where the Provisional Operating License left off when it was in effect.

On December 22, 1969, the licensee entered into Indemnity Agreement No. B-10 which remains in effect.

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The staff's Safety Evaluation Report supporting issuance of the full-term operating license has been issued as NUREG-1403 (October 1990). In an Environmental Assessment dated June 7, 1990, as noticed in the Federal Register on June 19, 1990 (55 FR 24947) the staff concluded that a supplement to the Final Environmental Statement, issued in November 1973, was not necessary.

A copy of the notice of issuance being forwarded to the Federal Register for publication is enclosed.

Sincerely,

Original Signed By:

Bruce A. Boger, Director
Division of Reactor Projects III/IV/V
Office of Nuclear Reactor Regulation

Enclosures:

- 1. Facility Operating License No. DPR-19
- 2. Notice of issuance

cc w/enclosures:

See next page

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* Please see previous concurrence.

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Mr. Thomas J. Kovach
Commonwealth Edison Company

Dresden Nuclear Power Station
Unit Nos. 2 and 3

cc:

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

COMMONWEALTH EDISON COMPANY

DOCKET NO. 50-237

DRESDEN NUCLEAR POWER STATION, UNIT 2

FACILITY OPERATING LICENSE

License No. DPR-19

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for a license filed by the Commonwealth Edison Company (the licensee) complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations set forth in 10 CFR Chapter I, and all required notifications to other agencies or bodies have been duly made;
 - B. Construction of the Dresden Nuclear Power Station, Unit 2 (the facility) has been completed in conformity with Construction Permit No. CPPR-18 and the application, as amended, the provisions of the Act, and the regulations of the Commission, and has been operating under a provisional license since December 22, 1969;
 - C. The facility will operate in conformity with the application, as amended, the provisions of the Act, and the rules and regulations of the Commission (except as exempted from compliance in Section 2.D. below);
 - D. There is reasonable assurance (i) that the activities authorized by this operating license can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations set forth in 10 CFR Chapter I (except as exempted from compliance in Section 2.D. below);
 - E. Commonwealth Edison Company is technically qualified to engage in the activities authorized by this license, as amended, in accordance with the Commission's regulations set forth in 10 CFR Chapter I;
 - F. Commonwealth Edison Company has satisfied the applicable provisions of 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements," of the Commission's regulations;
 - 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;

- H. The issuance of this license is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied; and
 - I. The receipt, possession, and use of source, byproduct and special nuclear materials as authorized by this license will be in accordance with the Commission's regulations in 10 CFR Parts 30, 40 and 70.
2. Provisional Operating License No. DPR-19, dated December 22, 1969, as amended, is superseded in its entirety by Facility Operating License No. DPR-19 hereby issued to Commonwealth Edison Company (the licensee or CECO) to read as follows:
- A. This license applies to the Dresden Nuclear Power Station, Unit 2, a boiling water reactor and associated equipment (the facility). The facility is located in Grundy County, Illinois, and is described in the licensee's Updated Final Safety Analysis Report, as supplemented and amended, and in the licensee's Environmental Report, as supplemented and amended.
 - B. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses:
 - (1) CECO, pursuant to Section 103 of the Act and 10 CFR Part 50, to possess, use and operate the facility at the designated location in Grundy County, Illinois, in accordance with the procedures and limitations set forth in this license;
 - (2) CECO, pursuant to the Act and 10 CFR Part 70, to receive, possess and use at any time 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) CECO, pursuant to the Act and 10 CFR Parts 30, 40 and 70, to receive, possess, and use at any time any byproduct, source and special nuclear material as sealed neutron sources for reactor startup, sealed sources for reactor instrumentation and radiation monitoring equipment calibration, and as fission detectors in amounts as required;
 - (4) CECO, 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 without restriction to chemical or physical form, for sample analysis or instrument calibration or associated with radioactive apparatus or components; and

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

C. This license shall be deemed to contain and is subject to the conditions specified in the Commission's regulations set forth in 10 CFR Chapter I and is subject to all applicable provisions of the Act and 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) Maximum Power Level

The licensee is authorized to operate the facility at steady state reactor core power levels not in excess of 2527 megawatts thermal (100 percent rated power) in accordance with the conditions specified herein.

(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 113, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

(3) Operation in the coastdown mode is permitted to 40% power.

(4) The valves in the equalizer piping between the recirculation loops shall be closed at all times during reactor operation.

D. The facility has been granted certain exemptions from the requirements of Section III.G of Appendix R to 10 CFR Part 50, "Fire Protection Program for Nuclear Power Facilities Operating Prior to January 1, 1979." This section relates to fire protection features for ensuring the systems and associated circuits used to achieve and maintain safe shutdown are free of fire damage. These exemptions were granted and sent to the licensee in letters dated February 2, 1983, September 28, 1987 and August 15, 1989.

In addition, the facility has been granted certain exemptions from Sections II and III of Appendix J to 10 CFR Part 50, "Primary Reactor Containment Leakage Testing for Water-Cooled Power Reactors." This section contains leakage test requirements, schedules and acceptance criteria for tests of the leak-tight integrity of the primary reactor containment and systems and components which penetrate the containment. These exemptions were granted and sent to the licensee in a letter dated June 25, 1982.

These exemptions granted pursuant to 10 CFR 50.12 are authorized by law, will not present an undue risk to the public health and safety, and are consistent with the common defense and security. With these exemptions, the facility will operate, to the extent authorized herein, in conformity with the application, as amended, the provisions of the Act, and the rules and regulations of the Commission.

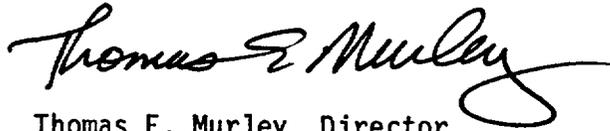
- E. Commonwealth Edison Company shall implement and maintain in effect all provisions of the approved fire protection program as described in the Updated Final Safety Analysis Report for the facility and as approved in the Safety Evaluation Reports dated March 22, 1978 with supplements dated December 2, 1980, and February 12, 1981; January 19, 1983; July 17, 1987; September 28, 1987; and January 5, 1989, subject to the following provision:

The licensee may make changes to the approved fire protection program without prior approval of the Commission only if those changes would not adversely affect the ability to achieve and maintain safe shutdown in the event of a fire.

- F. The licensee shall fully implement and maintain in effect all provisions of the Commission approved physical security, guard training and qualification, and safeguards contingency plans including amendments made pursuant to provisions of the Miscellaneous Amendments and Search Requirements revisions to 10 CFR 73.55 (51 FR 27817 and 27822) and to the authority of 10 CFR 50.90 and 10 CFR 50.54(p). The plans, which contain Safeguards Information protected under 10 CFR 73.21, are entitled: "Dresden Nuclear Power Station Security Plan," with revisions submitted through October 30, 1990; "Dresden Nuclear Power Station Security Personnel Training and Qualification Plan," with revisions submitted through October 30, 1990; and "Dresden Nuclear Power Station Safeguards Contingency Plan," with revisions submitted through October 30, 1990. Changes made in accordance with 10 CFR 73.55 shall be implemented in accordance with the schedule set forth therein.
- G. Except as otherwise provided in the Technical Specifications, the licensee shall report any violations of the requirements contained in Section 2.C of this license in the following manner: initial notification shall be made within 24 hours to the NRC Operations Center via the Emergency Notification System with written follow-up within 30 days in accordance with the procedures described in 10 CFR 50.73(b), (c), and (e).
- H. The licensee shall have and maintain financial protection of such type and in such amounts as the Commission shall require in accordance with Section 170 of the Atomic Energy Act of 1954, as amended, to cover public liability claims.

- I. This license is effective as of the date of issuance and shall expire at midnight on January 10, 2006.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink, reading "Thomas E. Murley". The signature is written in a cursive style with a large, sweeping flourish at the end.

Thomas E. Murley, Director
Office of Nuclear Reactor Regulation

Attachment:
Appendix A - Technical Specifications

Date of Issuance: February 20, 1991

UNITED STATES NUCLEAR REGULATORY COMMISSION

COMMONWEALTH EDISON COMPANY

DOCKET NO. 50-237

NOTICE OF ISSUANCE OF FACILITY OPERATING LICENSE NO. DPR-19

The U.S. Nuclear Regulatory Commission (the Commission) has issued Facility Operating License No. DPR-19 to Commonwealth Edison Company, authorizing operation of the Dresden Nuclear Power Station, Unit 2 (Dresden Unit 2) at steady-state reactor core power levels not in excess of 2527 megawatts (thermal), in accordance with the provisions of the license and the Technical Specifications.

Dresden Unit 2 is a boiling water reactor located in Grundy County, Illinois. The Dresden Unit 2 reactor has operated since December 22, 1969, under Provisional Operating License No. DPR-19. Facility Operating License No. DPR-19 supersedes Provisional Operating License No. DPR-19 in its entirety.

Notice of Consideration of Conversion of Provisional Operating License to Full-Term Operating License and Opportunity for Hearing was published in the FEDERAL REGISTER on August 17, 1973 (38 FR 22247). The full-term operating license was not issued previously pending completion of the reviews under the Systematic Evaluation Program (NUREG-0823, February 1983, and Supplement 1, October 1989), and by the Advisory Committee on Reactor Safeguards. The final Environmental Statement (FES) connected with the conversion to a full-term operating license was issued in November 1973. A Notice of Availability of the FES was published in the FEDERAL REGISTER on November 13, 1973 (38 FR 31329). Because the FES was issued a number of years ago, the staff performed

an environmental assessment to determine if an FES supplement was necessary. This assessment, dated June 7, 1990, concluded that an FES supplement was not necessary. This conclusion was noticed in the FEDERAL REGISTER on June 19, 1990 (55 FR 24947).

The application for the full-term operating license complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations in 10 CFR Chapter I, as set forth in the license.

The Commission has determined that the issuance of this license will not result in any environmental impacts other than those evaluated in the Final Environmental Statement, since the activity authorized by the license is encompassed by the overall action evaluated in the Final Environmental Statement.

Facility Operating License No. DPR-19 is effective as of its date of issuance and shall expire January 10, 2006.

For further information concerning this action see: (1) the licensee's application for a full-term operating license dated November 15, 1972, as substantially supplemented March 16, 1973, (2) the Final Environmental Statement (November 1973), (3) the Commission's Environmental Assessment dated June 7, 1990, (4) Facility Operating License No. DPR-19, and (5) the Safety Evaluation Report (NUREG-1403) dated October 1990, which are available for public inspection at the Commission's Public Document Room, the Gelman Building, 2120 L Street, N.W., Washington, D.C., and at the Morris Public Library, 604 Liberty Street, Morris, Illinois 60450.

A copy of Facility Operating License No. DPR-19 may be obtained upon request addressed to the U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Director, Division of Reactor Projects III/IV/V. Copies of the Safety Evaluation Report (NUREG-1403) may be purchased through the U.S. Government Printing Office, Post Office Box 37082, Washington, D.C. 20013-7082. Copies may also be purchased from the National Technical Information Service, U.S. Department of Commerce, 5585 Port Royal Road, Room 303, Springfield, Virginia 22161. A copy is available for inspection and/or copying for a fee in the NRC Public Document Room, the Gelman Building, 2120 L Street, N.W., Washington, D.C. 20555.

Dated at Rockville, Maryland this 20th day of February, 1991.

FOR THE NUCLEAR REGULATORY COMMISSION



Bruce A. Boger, Director
Division of Reactor Projects III/IV/V
Office of Nuclear Reactor Regulation