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Docket Nos. 50-237
 50-249

Commonwealth Edison Company
 ATTN: Mr. Cordell Reed
 Assistant Vice President
 Post Office Box 767
 Chicago, Illinois 60690

Gentlemen:

In response to your request dated June 17, 1977, the Commission has issued the enclosed Amendment No. 38 to Provisional Operating License No. DPR-19 and Amendment No. 36 to Facility Operating License No. DPR-25 for the Dresden Nuclear Power Station Unit Nos. 2 and 3, respectively.

The amendments revise the Technical Specifications limits related to the surveillance testing of the condenser pit flood protection instrumentation.

Copies of our related Safety Evaluation and the Notice of Issuance are also enclosed.

Sincerely,

Original signed by
 Dennis L. Ziemann

Dennis L. Ziemann, Chief
 Operating Reactors Branch #2
 Division of Operating Reactors

Enclosures:

1. Amendment No. 38 to DPR-19
2. Amendment No. 36 to DPR-25
3. Safety Evaluation
4. Notice

cc w/enclosures:
 See next page

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DATE	6/2/78	6/5/78	6/2/78	6/6/78	6/9/78	1/78

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cc w/enclosures:

Mr. John W. Rowe
Isham, Lincoln & Beale
Counselors at Law
One First National Plaza, 42nd Floor
Chicago, Illinois 60603

Mr. B. B. Stephenson
Plant Superintendent
Dresden Nuclear Power Station
Rural Route #1
Morris, Illinois 60450

Anthony Z. Roisman
Natural Resources Defense Council
917 15th Street, N. W.
Washington, D. C. 20005

Morris Public Library
604 Liberty Street
Morris, Illinois 60451

Chairman
Board of Supervisors of
Grundy County
Grundy County Courthouse
Morris, Illinois 60450

* Department of Public Health
ATTN: Chief, Division of
Nuclear Safety
535 West Jefferson
Springfield, Illinois 60450

Chief, Energy Systems Analyses
Branch (AW-459)
Office of Radiation Programs
U. S. Environmental Protection Agency
Room 645, East Tower
401 M Street, S. W.
Washington, D. C. 20460

U. S. Environmental Protection Agency
Federal Activities Branch
Region V Office
ATTN: EIS COORDINATOR
230 South Dearborn Street
Chicago, Illinois 60604

*(w/cy of CECO filing dtd. 6/17/77)

COMMONWEALTH EDISON COMPANY

DOCKET NO. 60-237

DRESDEN NUCLEAR POWER STATION UNIT NO. 2

AMENDMENT TO PROVISIONAL OPERATING LICENSE

Amendment No. 38
License No. DPR-19

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by the Commonwealth Edison Company (the licensee) dated June 17, 1977, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment 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;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

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2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and paragraph 3.B of Provisional License No. DPR-19 is hereby amended to read as follows:

B. Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 30, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by
Dennis L. Ziemann

Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Division of Operating Reactors

Attachment:
Changes to the Technical
Specifications

Date of Issuance: JUN 14 1978

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SURNAME ➤						
DATE ➤						

ATTACHMENT TO LICENSE AMENDMENT NO. 3

PROVISIONAL OPERATING LICENSE NO. DPR-19

DOCKET NO. 50-237

Replace the existing page 81G of the Technical Specifications with the attached revised page bearing the same number. Changed areas on the page are shown by marginal lines.

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3.5 LIMITING CONDITION FOR OPERATION

3. If Specification 3.5.K.1 and 2 cannot be met, reactor startup shall not commence or if operating, an orderly shutdown shall be initiated and the reactor shall be in a cold shutdown condition within 24 hours.

4.5 SURVEILLANCE REQUIREMENT

- b. The CCSW Vault Floor
drain shall be checked during each operating cycle by assuring that water can be run through the drain line and actuating the air operated valves by operation of the following sensor:
 - i. loss of air
 - ii. high level in the condensate pump room (5'0")
- c. The condenser pit five foot trip shall have a trip setting of \leq five feet 0 inches. The five foot trip circuit for each channel shall be checked once every three months. The 3 and 1 foot alarms shall have a setting of \leq three feet 0 inches and \leq 1 foot 0 inches. A logic system functional test, including all alarms, shall be performed during the refueling outage.

COMMONWEALTH EDISON COMPANY

DOCKET NO. 50-249

DRESDEN NUCLEAR POWER STATION UNIT NO. 3

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 20
License No. DPR-25

1. The Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by the Commonwealth Edison Company (the licensee) dated June 17, 1977, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
 - C. There is reasonable assurance (i) that the activities authorized by this amendment 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;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

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2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and paragraph 3.B of Facility License No. DPR-25 is hereby amended to read as follows:

B. Technical Specifications

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

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by
George Lear, Chief
Operating Reactors Branch #3
Division of Operating Reactors

Attachment:
Changes to the Technical
Specifications

Date of Issuance: JUN 14 1978

OFFICE >						
SURNAME >						
DATE >						

ATTACHMENT TO LICENSE AMENDMENT NO. 36

FACILITY OPERATING LICENSE NO. DPR-25

DOCKET NO. 50-249

Replace the existing page 81G of the Technical Specifications with the attached revised page bearing the same number. Changed areas on the page are shown by marginal lines.

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3.5 LIMITING CONDITION FOR OPERATION

3. If Specification 3.5.K.1 and 2 cannot be met, reactor startup shall not commence or if operating, an orderly shutdown shall be initiated and the reactor shall be in a cold shutdown condition within 24 hours.

4.5 SURVEILLANCE REQUIREMENT

b. The CCSW Vault Floor

drain shall be checked during each operating cycle by assuring that water can be run through the drain line and actuating the air operated valves by operation of the following sensor:

- i. loss of air

- ii. high level in the condensate pump room (5'0")

- c. The condenser pit five foot trip shall have a trip setting of \leq five feet 0 inches. The five foot trip circuit for each channel shall be checked once every three months. The 3 and 1 foot alarms shall have a setting of \leq three feet 0 inches and \leq 1 foot 0 inches. A logic system functional test, including all alarms, shall be performed during the refueling outage.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
SUPPORTING AMENDMENT NO. 38 TO PROVISIONAL OPERATING LICENSE NO. DPR-19
AND
AMENDMENT NO. 36 TO FACILITY OPERATING LICENSE NO. DPR-25
COMMONWEALTH EDISON COMPANY
DRESDEN NUCLEAR POWER STATION UNIT NOS. 2 AND 3
DOCKET NOS. 50-237 AND 50-249

INTRODUCTION

By letter dated June 17, 1977, the Commonwealth Edison Company (CECo) requested a change to the Technical Specifications appended to License Nos. DPR-19 and DPR-25 for Dresden Station Unit Nos. 2 and 3. The proposed change increases the surveillance interval for the condenser pit flood protection switches from once per month to once every three months. CECo's request also identifies the trip setpoint as less than or equal to five foot zero inches ($\leq 5' 0''$) rather than the previously identified five foot setpoint and specifies setpoints for alarms at the three foot and one foot level in the condenser pit.

EVALUATION

We have reviewed CECo's proposed change to the Dresden Unit Nos. 2 and 3 Technical Specifications. During our review we determined that (1) the level switches (Magnetrol) utilized in the condenser pit have not been subject to a significantly high failure rate in past usage at the Dresden Station, (2) similar switches have been subject to a three month surveillance interval at Dresden Station and at other facilities and have not exhibited unsatisfactory failure rates, (3) actuation of the five foot level switches in the condenser pit will be preceded by alarms on the redundant level switches installed in the pit to detect flooding conditions at the one and three foot levels, (4) the addition of a requirement for alarm settings at ≤ 3 feet provides an early indication of flooding and assures redundant protection against condenser pit flooding, and (5) the specification of the set point at ≤ 5 feet rather than at 5 feet provides a more realistic setpoint description. It will also result in a more conservative setting that will cause a trip of the recirculating water pump earlier than the previously stated setpoint.

Since experience demonstrates that the level trip circuits and similar circuits would remain operable for intervals in excess of three months and since additional level alarms will be required by technical specifications we conclude that the protection provided against flooding of the condenser pit has not been reduced.

ENVIRONMENTAL CONSIDERATION

We have determined that these amendments do not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendments involve an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR §51.5(d)(4) that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of the amendments.

CONCLUSIONS

We have concluded, based on the considerations discussed above, that: (1) because the amendments do not involve a significant increase in the probability or consequences of accidents previously considered and do not involve a significant decrease in a safety margin, the amendments do not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of these amendments will not be inimical to the common defense and security or to the health and safety of the public.

Date: June 14, 1978

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NOS. 50-237 AND 50-249

COMMONWEALTH EDISON COMPANY

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSES

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 38 to Provisional Operating License No. DPR-19 and Amendment No. 36 to Facility Operating License No. DPR-25, issued to Commonwealth Edison Company (the licensee), which revised the Technical Specifications for operation of the Dresden Nuclear Power Station Unit Nos. 2 and 3 (collectively referred to as the facilities) located in Grundy County, Illinois. These amendments are effective as of their date of issuance.

The amendments revise the Technical Specifications limits related to the surveillance testing of the condenser pit flood protection instrumentation.

The application for the amendments complies 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 amendments. Prior public notice of these amendments was not required since the amendments do not involve a significant hazards consideration.

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DATE ➤						

The Commission has determined that the issuance of these amendments 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 these amendments.

For further details with respect to this action, see (1) the application for amendments dated June 17, 1977, (2) Amendment No. 55 to License No. DPR-19 and Amendment No. 88 to License No. DPR-25, 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 Morris Public Library, 604 Liberty Street, Morris, Illinois 60450. 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 *14th* day of *June, 1978*.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by
Dennis L. Ziemann

Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Division of Operating Reactors

OFFICE ➤						
SURNAME ➤						
DATE ➤						



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
SUPPORTING AMENDMENT NO. 38 TO PROVISIONAL OPERATING LICENSE NO. DPR-19
AND
AMENDMENT NO. 36 TO FACILITY OPERATING LICENSE NO. DPR-25
COMMONWEALTH EDISON COMPANY
DRESDEN NUCLEAR POWER STATION UNIT NOS. 2 AND 3
DOCKET NOS. 50-237 AND 50-249

INTRODUCTION

By letter dated June 17, 1977, the Commonwealth Edison Company (CECo) requested a change to the Technical Specifications appended to License Nos. DPR-19 and DPR-25 for Dresden Station Unit Nos. 2 and 3. The proposed change increases the surveillance interval for the condenser pit flood protection switches from once per month to once every three months. CECo's request also identifies the trip setpoint as less than or equal to five foot zero inches ($\leq 5' 0''$) rather than the previously identified five foot setpoint and specifies setpoints for alarms at the three foot and one foot level in the condenser pit.

EVALUATION

We have reviewed CECo's proposed change to the Dresden Unit Nos. 2 and 3 Technical Specifications. During our review we determined that (1) the level switches (Magnetrol) utilized in the condenser pit have not been subject to a significantly high failure rate in past usage at the Dresden Station, (2) similar switches have been subject to a three month surveillance interval at Dresden Station and at other facilities and have not exhibited unsatisfactory failure rates, (3) actuation of the five foot level switches in the condenser pit will be preceded by alarms on the redundant level switches installed in the pit to detect flooding conditions at the one and three foot levels, (4) the addition of a requirement for alarm settings at ≤ 3 feet provides an early indication of flooding and assures redundant protection against condenser pit flooding, and (5) the specification of the set point at ≤ 5 feet rather than at 5 feet provides a more realistic setpoint description. It will also result in a more conservative setting that will cause a trip of the recirculating water pump earlier than the previously stated setpoint.

Since experience demonstrates that the level trip circuits and similar circuits would remain operable for intervals in excess of three months and since additional level alarms will be required by technical specifications we conclude that the protection provided against flooding of the condenser pit has not been reduced.

ENVIRONMENTAL CONSIDERATION

We have determined that these amendments do not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendments involve an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR §51.5(d)(4) that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of the amendments.

CONCLUSIONS

We have concluded, based on the considerations discussed above, that: (1) because the amendments do not involve a significant increase in the probability or consequences of accidents previously considered and do not involve a significant decrease in a safety margin, the amendments do not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of these amendments will not be inimical to the common defense and security or to the health and safety of the public.

Date: June 14, 1978

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NOS. 50-237 AND 50-249COMMONWEALTH EDISON COMPANYNOTICE OF ISSUANCE OF AMENDMENT TO FACILITY
OPERATING LICENSES

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 38 to Provisional Operating License No. DPR-19 and Amendment No. 36 to Facility Operating License No. DPR-25, issued to Commonwealth Edison Company (the licensee), which revised the Technical Specifications for operation of the Dresden Nuclear Power Station Unit Nos. 2 and 3 (collectively referred to as the facilities) located in Grundy County, Illinois. These amendments are effective as of their date of issuance.

The amendments revise the Technical Specifications limits related to the surveillance testing of the condenser pit flood protection instrumentation.

The application for the amendments complies 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 amendments. Prior public notice of these amendments was not required since the amendments do not involve a significant hazards consideration.

The Commission has determined that the issuance of these amendments 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 these amendments.

For further details with respect to this action, see (1) the application for amendments dated June 17, 1977, (2) Amendment No. 38 to License No. DPR-19 and Amendment No. 36 to License No. DPR-25, 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 Morris Public Library, 604 Liberty Street, Morris, Illinois 60450. 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 14th day of June, 1978.

FOR THE NUCLEAR REGULATORY COMMISSION



Dennis L. Ziemann, Chief
Operating Reactors Branch #2
Division of Operating Reactors