



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

May 30, 1985

Docket Nos. 50-237/249
LS05-85-05-039

Mr. Dennis L. Farrar
Director of Nuclear Licensing
Commonwealth Edison Company
Post Office Box 767
Chicago, Illinois 60690

Dear Mr. Farrar:

SUBJECT: TECHNICAL SPECIFICATIONS RELATING TO ECONOMIC GENERATION CONTROL

Re: Dresden Nuclear Power Station, Unit Nos. 2 and 3

The Commission has issued the enclosed Amendment No. 89 to Provisional Operating License No. DPR-19 for Dresden Unit 2 and Amendment No. 82 to Facility Operating License No. DPR-25 for Dresden Unit 3. The amendments are in response to your application dated May 2, 1983.

The amendments incorporate changes to the Technical Specifications (TS) for Dresden Units 2 and 3 which impose more stringent surveillance requirements on the use of the Economic Generation Control system for each unit. The staff, on review, finds these changes acceptable.

A Notice of Consideration of Issuance of Amendments to License and Proposed No Significant Hazards Consideration Determination and Opportunity for Hearing related to the requested action was published in the Federal Register on September 21, 1983 (48 FR 43131). No public comments or requests for hearing were received.

8506170118 850530
PDR ADDCK 05000237
P PDR

Mr. Dennis L. Farrar

- 2 -

May 30, 1985

A copy of our related Safety Evaluation is also enclosed. This action will appear in the Commission's monthly notice publication in the Federal Register.

Sincerely,

Original signed by:

John A. Zwolinski, Chief
Operating Reactors Branch #5
Division of Licensing

Enclosures:

1. Amendment No. 89 to
License No. DPR-19
2. Amendment No. 82 to
License No. DPR-25
3. Safety Evaluation

cc w/enclosures:
See next page

DISTRIBUTION

Docket File	OELD
NRC PDR	ELJordan
Local PDR	BGrimes
NSIC	ACRS (10)
ORB #5 Reading	TBarnhart (8)
JZwolinski	RGilbert
CJamerson	RDiggs (w/fee form)
EButcher	WJones
CMiles	LHarmon
JPartlow	HThompson
RBevan	DVassallo

DL: ORB #5
CJamerson:
5/14/85

DL: ORB #5
RGilbert
5/14/85

OELD
Barn Barnhart
5/14/85

DL: ORB #5
JZwolinski
5/14/85

DL: JZwolinski
DCrutchfield
5/14/85

SE01
DSU use 16

Mr. Dennis L. Farrar
Commonwealth Edison Company

Dresden Nuclear Power Station

cc: Robert G. Fitzgibbons Jr.
Isham, Lincoln & Beale
Three First National Plaza
Suite 5200
Chicago, Illinois 60602

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

U. S. Nuclear Regulatory Commission
Resident Inspectors Office
Dresden Station
Rural Route #1
Morris, Illinois 60450

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

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

Regional Administrator
Nuclear Regulatory Commission, Region III
799 Roosevelt Street
Glen Ellyn, Illinois 60137

Gary N. Wright, Manager
Nuclear Facility Safety
Illinois Department of Nuclear Safety
1035 Outer Park Drive, 5th Floor
Springfield, Illinois 62704



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

COMMONWEALTH EDISON COMPANY

DOCKET NO. 50-237

DRESDEN NUCLEAR POWER STATION, UNIT NO. 2

AMENDMENT TO PROVISIONAL OPERATING LICENSE

Amendment No. 89
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 May 2, 1983 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.

8506170123 850530
PDR ADOCK 05000237
P PDR

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 Operating 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. 89, 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

for *Walter A. Paulson*
John A. Zwolinski, Chief
Operating Reactors Branch #5
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: May 30, 1985.

ATTACHMENT TO LICENSE AMENDMENT NO. 89

PROVISIONAL OPERATING LICENSE DPR-19

DOCKET NO. 50-237

Revise Appendix A Technical Specifications by removing the page identified below and inserting the attached page. The revised page is identified by the captioned amendment number and contains a marginal line indicating the area of change.

REMOVE

3/4.3-13

INSERT

3/4.3-13

3.3 LIMITING CONDITION FOR OPERATION
(Cont'd.)

F. If Specifications 3.3.A through D above are not met, an orderly shutdown shall be initiated and the reactor shall be in the Cold Shutdown condition within 24 hours.

G. Economic Generation Control System

Operation of the unit with the Economic Generation Control System with automatic flow control shall be permissible only in the range of 65-100% of rated core flow, with reactor power above 20%.

4.3 SURVEILLANCE REQUIREMENT
(Cont'd.)

F. (N/A)

G. Economic Generation Control System (EGCS)

Prior to entering EGCS and once per shift while operating in EGCS, the EGCS operating parameters will be reviewed for acceptability.



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

COMMONWEALTH EDISON COMPANY

DOCKET NO. 50-249

DRESDEN NUCLEAR POWER STATION, UNIT NO. 3

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 82
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 May 2, 1983 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.

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 Operating 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. 82, 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

for *Walter A. Paulson*
John A. Zwolinski, Chief
Operating Reactors Branch #5
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: May 30, 1985.

ATTACHMENT TO LICENSE AMENDMENT NO. 82

FACILITY OPERATING LICENSE DPR-25

DOCKET NO. 50-249

Revise Appendix A Technical Specifications by removing the page identified below and inserting the attached page. The revised page is identified by the captioned amendment number and contains a marginal line indicating the area of change.

REMOVE

3/4.3-13

INSERT

3/4.3-13

3.3 LIMITING CONDITION FOR OPERATION
(Cont'd.)

F. If Specifications 3.3.A through D above are not met, an orderly shutdown shall be initiated and the reactor shall be in the Cold Shutdown condition within 24 hours.

G. Economic Generation
Control System

Operation of the unit with the Economic Generation Control system with automatic flow control shall be permissible only in the range of 65-100% of rated core flow, with reactor power above 20%.

4.3 SURVEILLANCE REQUIREMENT
(Cont'd.)

F. (N/A)

G. Economic Generation
Control System (EGCS)

Prior to entering EGCS and once per shift while operating in EGCS, the EGCS operating parameters will be reviewed for acceptability.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
SUPPORTING AMENDMENT NO. 89 TO PROVISIONAL OPERATING LICENSE NO. DPR-19
AND AMENDMENT NO. 82 TO FACILITY OPERATING LICENSE NO. DPR-25
COMMONWEALTH EDISON COMPANY
DRESDEN NUCLEAR POWER STATION, UNIT NOS. 2 AND 3
DOCKET NOS. 50-237/249

1.0 INTRODUCTION

By letter dated May 2, 1983, the Commonwealth Edison Company (CECO) proposed changes to the Technical Specifications (TS) for Dresden Units 2 and 3. These changes would impose more stringent surveillance requirements on the use of the Economic Generation Control (EGC) system for each unit.

A Notice of Consideration of Issuance of Amendments to License and Proposed No Significant Hazards Consideration Determination and Opportunity for Hearing related to the requested action was published in the Federal Register on September 21, 1983 (48 FR 43131). No public comments or requests for hearing were received.

2.0 EVALUATION

The EGC system is an optional control system not generally found in nuclear electric generation units. It can, within a range and ramp rate set by licensed control room personnel, cause reactor power level to change in response to load demand on CECO's grid. It is commonly used to load follow with fossil units.

The EGC system was installed as original equipment at the Dresden Station. Although its use was reviewed and approved at the operating license stage and both limiting conditions for operation and surveillance requirements are in place for its use, the system has been little used at Dresden except for short periods of testing and demonstration. In anticipation of more extensive use of the EGC system in the near future as more of CECO's nuclear units come on line, the licensee proposes more strict surveillance requirements than are currently in the TS. The change would formalize, as TS surveillance requirements, certain actions that are already contained in Dresden's operating procedures for the use of EGC. More specifically, the proposed change would require that the EGC operating parameters, as defined in the written procedures, be reviewed for acceptability by the operators prior to entering and once per shift while operating EGC.

The proposed change will ensure more conservative operation of the EGC system than currently required by the TS and is acceptable.

3.0 ENVIRONMENTAL QUALIFICATION

These amendments involve a change in the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20 and a change to the surveillance requirements. The staff has determined that these amendments involve no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that these amendments involve no significant hazards consideration and there has been no public comment on such finding. Accordingly, these amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of these amendments.

4.0 CONCLUSION

The staff has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) 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.

5.0 ACKNOWLEDGEMENT

This Safety Evaluation has been prepared by R. Bevan and R. Gilbert.

Dated: May 30, 1985