

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



July 24, 1986

Docket No. 50-249

*See C-P
Report &
SER*

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

Dear Mr. Farrar:

SUBJECT: TECHNICAL SPECIFICATION AMENDMENT - DRESDEN 3 CYCLE 10 RELOAD
(TAC 60954)

Re: Dresden Nuclear Power Station, Unit No. 3

The Commission has issued the enclosed Amendment No. 87 to Facility Operating License No. DPR-25 for Dresden Unit 3. This amendment is in response to your application dated February 21, 1986, as supplemented April 18, 1986. The staff, however, has noted in the attached Safety Evaluation (SE) Section 9.0 that there are certain restrictions relating to our incomplete review of the ENC 9X9 fuel and also to thermal-hydraulic stability consideration which limit approval of this amendment to the upcoming Cycle 10 only.

The amendment changes the nuclear limits to reflect the Cycle 10 9x9 reload, incorporates an expanded power/flow operating map, deletes Conditions 3.L.1, 3.L.2, 3.L.3, 3.L.4, 3.L.5, 3.L.6, 3.L.7, and 3.L.8, which concern Single Loop Operation (SLO), from the license and incorporates them into the Technical Specifications (TS), incorporates Linear Heat Generation Rate limits for Exxon 8x8 and 9x9 fuel as a limiting condition for operation and incorporates reactor stability monitoring and restrictions on the allowable operating conditions during SLO.

During the staff's review of documents included in the above application as supplemented, it was noted that Exxon had used an updated delta Critical Power Ratio methodology which would need additional documentation and subsequent staff review before its use could be made in the Cycle 10 Reload analysis. In a letter dated June 20, 1986, the licensee furnished information to be used by the staff for modifying the Minimum Critical Power Ratio (MCPR) operating limits as appropriate and proposed that more restrictive MCPR operating limits be applied for both 8x8 and 9x9 fuels until further staff reviews are completed (SE Section 3.2). The staff found this approach to be acceptable.

8608180078 860724
PDR ADOCK 05000249
P PDR

July 24, 1986

For administrative convenience we are enclosing revised copies of pages 3, 5 and 6 of Facility Operating License DPR-25 showing the changes made by this amendment.

A copy of our related Safety Evaluation is also enclosed. The Notice of Issuance will be included in the Commission's biweekly Federal Register notices.

Sincerely,

Original signed by
Rajender Auluck for:

John A. Zwolinski, Director
BWR Project Directorate No. 1
Division of BWR Licensing

Enclosures:

1. Amendment No. 87 to License
No. DPR-25
2. Safety Evaluation

cc w/enclosures:
See next page

DISTRIBUTION

Docket File
NRC PDR/Local PDR
BWD1 Rdg
RBernero
DVassallo
OPA
JPartlow
MJohns, RIII
EButcher
Dresden 3 file
RDiggs

NThompson
OGC-BETH
ELJordan
BGrimes
ACRS (10)
TBarnhart (4)
WJones
JZwolinski
RGilbert
CJamerson
MMcCoy

LA:BWD-1:DBL
CJamerson/hmc
7/10/86

BWD-1:DBL
RGilbert
7/10/86

OGC
B. Bordenich
7/16/86

BWD-1:DBL
JZwolinski
7/24/86

July 24, 1986

For administrative convenience we are enclosing revised copies of pages 3, 5 and 6 of Facility Operating License DPR-25 showing the changes made by this amendment.

A copy of our related Safety Evaluation is also enclosed. The Notice of Issuance will be included in the Commission's biweekly Federal Register notices.

Sincerely,

Original signed by
Rajender Auluck for:

John A. Zwolinski, Director
BWR Project Directorate No. 1
Division of BWR Licensing

Enclosures:

1. Amendment No. 87 to License
No. DPR-25
2. Safety Evaluation

cc w/enclosures:
See next page

DISTRIBUTION

Docket File
NRC PDR/Local PDR
BWD1 Rdg
RBernero
DVassallo
OPA
JPartlow
MJohns, RIII
EButcher
Dresden 3 file
RDiggs

NThompson
OGC-BETH
ELJordan
BGrimes
ACRS (10)
TBarnhart (4)
WJones
JZwolinski
RGilbert
CJamerson
MMcCoy

LA:BWD-1:DBL
CJamerson/hmc
7/10/86

RWD-1:DBL
RGilbert
7/16/86

OGC
B. M. Bickel
7/16/86

RWD-1:DBL
JZwolinski
7/24/86

Mr. Dennis L. Farrar
Commonwealth Edison Company

Dresden Nuclear Power Station
Unit No. 3

cc:
Mr. Michael I. Miller
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

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

Mr. Michael E. Parker, Chief
Division of Engineering
Illinois Department of Nuclear Safety
1035 Outer Park Drive, 5th Floor
Springfield, Illinois 62704