

January 22, 1988.

Docket Nos. 254 and 265

Mr. L. D. Butterfield, Jr.
Nuclear Licensing Manager
Commonwealth Edison Company
Post Office Box 767
Chicago, Illinois 60690

Dear Mr. Butterfield:

The Commission has filed the enclosed "Notice of Issuance of Amendment to Facility Operating License" with the Office of the Federal Register for publication. This notice is in regards to Amendment No. 103 of Operating License DPR-29 which was issued in response to the Commonwealth Edison Company request dated September 13, 1987 (subsequently supplemented on October 13 and November 25, 1987).

Sincerely,

Original Signed by/

Thierry M. Ross, Project Manager
Project Directorate III-2
Division of Reactor Projects - III,
IV, V and Special Projects

Enclosure:
As stated

cc: See next page

PDIII-2:PM
TRoss:bj
/ /88

PDIII-2:LA
LLuther
/ /88

PDIII-2:PD
DMiller
1/14/88

8801270002 880122
PDR ADOCK 05000254
P PDR

Mr. L. D. Butterfield, Jr.
Commonwealth Edison Company

Quad Cities Nuclear Power Station
Units 1 and 2

cc:

Mr. Stephen E. Shelton
Vice President
Iowa-Illinois Gas and
Electric Company
P.O. Box 4350
Davenport, Iowa 52808

Michael Miller, Esq.
Sidley and Austin
One First National Plaza
Chicago, Illinois 60603

Mr. Richard Bax
Station Manager
Quad Cities Nuclear Power Station
22710 206th Avenue North
Cordova, Illinois 61242

Resident Inspector
U.S. Nuclear Regulatory Commission
22712 206th Avenue North
Cordova, Illinois 61242

Chairman
Rock Island County Board
of Supervisors
1504 3rd Avenue
Rock Island County Office Bldg.
Rock Island, Illinois 61201

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

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



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

7590-01

UNITED STATES NUCLEAR REGULATORY COMMISSION
COMMONWEALTH EDISON COMPANY
DOCKET NO. 50-254
NOTICE OF ISSUANCE OF AMENDMENT TO
FACILITY OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 103 to Facility Operating License No. DPR-29 issued to Commonwealth Edison Company, (the licensee), for operation of Quad Cities, Unit 1, located in Rock Island County, Illinois.

In general, the license amendment deletes certain license conditions and revises Technical Specifications (TS) to incorporate new Cycle 10 reload fuel operating limits, expands operating domains (including operation with equipment out of service), and changes jet pump surveillance core flow evaluation methodology. More specifically, TS for the following are revised for Cycle 10 to reflect new reload fuel operating limits and analyses: (a) Linear Heat Generation Rate (LHGR), (b) Maximum Average Planar Linear Heat Generation Rate (MAPLHGR) limit curves, (c) Rod Block Monitor (RBM) setpoint, and (d) Minimum Critical Power Ratio (MCPR) limit and associated 20% insertion scram time value. Other TS and license condition changes in this amendment that resulted from analyses performed by General Electric for the licensee to expand the unit operating region and allow for operation with certain equipment out-of-service include the following: (e) requirements for Single Loop Operation (SLO) deleted from existing License Condition and incorporated into TS, (f) expanded operating region analyzed for increased core flow (ICF) and feedwater temperature

8801270003 880122
PDR ADOCK 05000254
P PDR

reduction (FTR), (g) revised Automatic Pressure Relief Subsystem TS to require action only when two or more relief valves are inoperable, and (h) deleted license condition operating restrictions for coastdown.

Concurrent with the aforementioned TS changes, several administrative and editorial revisions are made for continuity. Furthermore, applicable TS bases and references are updated to reflect new information, fuel type, analyses, computer models, operating domains, and Limiting Conditions of Operation.

The application for the amendment 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 amendment.

Notice of Consideration of Issuance of Amendment and Opportunity for Prior Hearing in connection with this action was published in the FEDERAL REGISTER on November 5, 1987 (52 FR 42485). No request for a hearing or petition for leave to intervene was filed following this notice.

The Commission has prepared an Environmental Assessment and Finding of No Significant Impact related to this action and has concluded that an environmental impact statement is not warranted because there will be no environmental impact attributable to the action beyond that which has been predicted and described in the Commission's Final Environmental Statement for the facility dated September 1972.

For further details with respect to the action see (1) the application for amendment dated September 18, 1987, as supplemented October 13, 1987 and subsequently clarified November 25, 1987, (2) Amendment No. 103 to License No. 29, (3) the Commission's related Safety Evaluation dated December 15, 1987, and (4) Environmental Assessment and Finding of No Significant Impact. All of these items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W.; and at the Dixon Public Library, 221 Hennepin Ave., Dixon, Illinois 61021. A copy of items (2) thru (4) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Reactor Projects.

Dated at Bethesda, Maryland this 22nd day of January 1988.

FOR THE NUCLEAR REGULATORY COMMISSION

Original Signed by/

Daniel R. Muller, Director
Project Directorate III-2
Division of Reactor Projects - III,
IV, V and Special Projects

DISTRIBUTION

Docket File
NRC & Local PDRs
PDIII-2 Rdg. File
~~DCrutchfield~~
LLuther
TRoss
OGC-Bethesda
DHagan
ACRS (10)
GPA/PA
PDIII-2 Plant File

PDIII-2:PM
TRoss:bj *TR*
1/14/88

PDIII-2:LA
LLuther *LL*
1/14/88

PDIII-2:PD
DMuller *DM*
1/14/88