

July 17, 1990

Docket Nos. 50-254
and 50-265

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: CORRECTION TO AMENDMENT NO. 124 TO FACILITY OPERATING LICENSE
NO. DPR-29 AND AMENDMENT NO. 121 TO FACILITY OPERATING LICENSE NO.
DPR-30 - QUAD CITIES NUCLEAR POWER STATION (TAC NOS. 75065 AND 75066)

Amendment Nos. 124 and 121 to Facility Operating License Nos. DPR-29 and
DPR-30 for the Quad Cities Nuclear Power Station, Units 1 and 2, were issued
May 23, 1990. There was a wording error in Technical Specification 4.6.G.1.c
which could result in an interpretation that would be the opposite of what was
approved in our Safety Evaluation that accompanied the amendment. The intent
of the amendment was to use individual jet pump flow as an indication of jet
pump failure. Commonwealth Edison pointed out this error in its letter dated
July 5, 1990.

Enclosed are corrected pages containing Technical Specification 4.6.G.1.c.

Sincerely,

Original Signed By:

Leonard N. Olshan, Project Manager
Project Directorate III-2
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Enclosures:
As stated

cc w/enclosures:

See next page

DISTRIBUTION

Docket File

PDIII-2 r/f

JZwolinski

LOlshan

DHagan

GHill (8)

JCalvo

GPA/PA

NRC & Local PDRs

DCrutchfield

CMoore

OGC

EJordan

WJones

ACRS (10)

OC/LFMB

Plant File

OFFICAL RECORD COPY

Document Name: [KOVACH 75065/66]

PDIII-2:LA

CMoore

PDIII-2:PM

LOlshan:ta

PDIII-2:(A)PD

JWechselberger

2007190114 900717
PER ADDCK 05000254
FDC

7/17/90

7/12/90

7/16/90

JFol
11

epi



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

July 17, 1990

Docket Nos. 50-254
and 50-265

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: CORRECTION TO AMENDMENT NO. 124 TO FACILITY OPERATING LICENSE
NO. DPR-29 AND AMENDMENT NO. 121 TO FACILITY OPERATING LICENSE NO.
DPR-30 - QUAD CITIES NUCLEAR POWER STATION (TAC NOS. 75065 AND 75066)

Amendment Nos. 124 and 121 to Facility Operating License Nos. DPR-29 and DPR-30 for the Quad Cities Nuclear Power Station, Units 1 and 2, were issued May 23, 1990. There was a wording error in Technical Specification 4.6.G.1.c which could result in an interpretation that would be the opposite of what was approved in our Safety Evaluation that accompanied the amendment. The intent of the amendment was to use individual jet pump flow as an indication of jet pump failure. Commonwealth Edison pointed out this error in its letter dated July 5, 1990.

Enclosed are corrected pages containing Technical Specification 4.6.G.1.c.

Sincerely,

A handwritten signature in cursive script that reads "Leonard N. Olshan".

Leonard N. Olshan, Project Manager
Project Directorate III-2
Division of Reactor Projects - III,
IV, V and Special Projects
Office of Nuclear Reactor Regulation

Enclosures:
As stated

cc w/enclosures:
See next page

Mr. Thomas J. Kovach
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 I. Miller, Esq.
Sidley and Austin
One First National Plaza
Chicago, Illinois 60690

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

Illinois Department of Nuclear Safety
Office of Nuclear Facility Safety
1035 Outer Park Drive
Springfield, Illinois 62704

Regional Administrator, Region III
U. S. Nuclear Regulatory Commission
799 Roosevelt Road, Bldg. #4
Glen Ellyn, Illinois 60137

Robert Neumann
Office of Public Counsel
State of Illinois Center
100 W. Randolph
Suite 11-300
Chicago, Illinois 60601

QUAD-CITIES
DPR-29

G. Jet Pumps

1. Whenever the reactor is in the Startup/Hot Standby or Run modes, all jet pumps shall be intact, and all operating jet pumps shall be operable. If it is determined that a jet pump is inoperable, an orderly shutdown shall be initiated and the reactor shall be in a cold shutdown condition within 24 hours.
2. Flow indication from 19 of the 20 jet pumps shall be verified prior to initiation of reactor startup from a cold shutdown condition.

G. Jet Pumps

1. Whenever there is recirculation flow with the reactor in the Startup/Hot Standby or Run modes, jet pump integrity and operability shall be checked daily by verifying that two of the following conditions do not occur simultaneously:
 - a. The recirculation pump flow differs by more than 10% from the established speed-flow characteristics.
 - b. The indicated total core flow is more than 10% greater than the core flow value derived from established core plate DP core flow relationships.
 - c. Individual jet pump flow for any jet pump differs by more than 10% from established flow to average loop jet pump flow characteristics.
2. Additionally, when operating with one recirculation pump with the equalizer valves closed, the diffuser to lower plenum differential pressure shall be checked daily, and the differential pressure of any jet pump in the idle loop shall not vary by more than 10% from established patterns.

G. Jet Pumps

1. Whenever the reactor is in the Startup/Hot Standby or Run modes, all jet pumps shall be intact, and all operating jet pumps shall be operable. If it is determined that a jet pump is inoperable, an orderly shutdown shall be initiated and the reactor shall be in a cold shutdown condition within 24 hours.

2. Flow indication from 19 of the 20 jet pumps shall be verified prior to initiation of reactor startup from a cold shutdown condition.

3. The indicated core flow is the sum of the flow indication from each jet pump with operable flow indication. In addition, for any jet pump with inoperable flow indication, the flow indication from the companion jet pump on the same jet pump riser shall be summed a second time to compensate for the flow through the jet pump with inoperable flow indication. If flow indication failure occurs for three or

G. Jet Pumps

1. Whenever there is recirculation flow with the reactor in the Startup/Hot Standby or Run modes, jet pump integrity and operability shall be checked daily by verifying that two of the following conditions do not occur simultaneously:
 - a. The recirculation pump flow differs by more than 10% from the established speed-flow characteristics.
 - b. The indicated total core flow is more than 10% greater than the core flow value derived from established core plate DP/core flow relationships.
 - c. Individual jet pump flow for any jet pump differs by more than 10% from established flow to average loop jet pump flow characteristics.

2. Additionally, when operating with one recirculation pump with the equalizer valves closed, the diffuser to lower plenum differential pressure shall be checked daily, and the differential pressure of any jet pump in the idle loop shall not vary by more than 10% from established patterns.

3. The baseline data required to evaluate the conditions in Specifications 4.6.G.1 and 4.6.G.2 will be acquired each operating cycle.