

May 24, 1985

Docket Nos. 50-295
and 50-304

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

Dear Mr. Farrar:

Distribution	Docket file
NRC PDR	L PDR
ORB#1 RDG	Gray file (4)
HThompson	CParrish
JNorris	OELD
LHarmon	EJordan
BGrimes	JPartlow
TBarnhart (8)	WJones
EButcher	ACRS (10)
OPA, CMiles	RDiggs
ETHrom	

The Commission has issued the enclosed Amendment No. 89 to Facility Operating License No. DPR-39 and Amendment No. 79 to Facility Operating License No. DPR-48 for the Zion Nuclear Power Station, Unit Nos. 1 and 2, respectively. The amendments consist of changes to the Technical Specifications in response to your application transmitted by letter dated October 19, 1984, augmented by letters dated December 20, 1984, February 14, 1985, March 8, 1985 and April 19, 1985.

These amendments revise the Technical Specifications limits for total nuclear peaking factor (F_0) for Zion Units 1 and 2. The revised F_0 is 2.32. The peak cladding temperature is calculated to be 2159°F. The total core hydrogen generation is less than 0.3% and the local cladding oxidation is 6.94% for the limiting break. These values are within the required limits as specified in 10 CFR 50.46. The revised ECCS analysis supports the proposed Technical Specification Limits, as required by 10 CFR 50.34.

The February 29, 1980 Confirmatory Order imposed by the Commission on the Zion Station remains in effect however, and therefore, the Zion Station should use the more limiting of either the peaking factor from the current analysis or the peaking factor from the analysis on which the 1980 Order is based.

A copy of the related Safety Evaluation is enclosed. A Notice of Issuance will be included in the Commission's next regular monthly Federal Register notice.

Sincerely,

/s/JNorris

B506060665 B50524
PDR ADOCK 05000295
P PDR

Jan Norris, Project Manager
Operating Reactors Branch #1
Division of Licensing

Enclosures:

1. Amendment No. 89 to DPR-39
2. Amendment No. 79 to DPR-48
3. Safety Evaluation

cc: w/enclosures
See next page

*SEE PREVIOUS WHITE FOR CONCURRENCE

ORB#1:DL*	ORB#1:DL*	BC-ORB#1:DL*
CParrish	JNorris/ts	SVarga
05/21/85	05/21/85	05/21/85

OELD*
05/22/85

AD:DL
GL:mas
05/22/85

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imposed by the Commission on the Zion Station
The February 27, 1980 Confirmatory Order remains in effect however, and therefore, the Zion Station should use the more limiting of either the peaking factor from the current analysis or the peaking factor from the analysis on which the 1980 Order is based.

A copy of the related Safety Evaluation is enclosed. A Notice of Issuance will be included in the Commission's next regular monthly Federal Register notice.

Sincerely,

Jan Norris, Project Manager
Operating Reactors Branch #1
Division of Licensing

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05/1/85

ORB#1:DL
JNorris/ts
05/1/85

BC-ORB#1:DL
SVarma
05/1/85

for proposed correction
OELD
L. Dewey
05/27/85

AD:OR:DL
GLainas
05/ /85

Mr. D. L. Farrar
Commonwealth Edison Company

Zion Station

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