

W 03/20/78

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50-289

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DOC DATE: 03/13/78
DATE RCVD: 03/16/78

DOCTYPE: LETTER NOTARIZED: NO

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LTR 1 ENCL 40

SUBJECT: ADDITIONAL INFO WITH RESPECT TO TECH SPEC CHANGE REQUEST NO. 72, CYCLE 3
EXTENSION.

PLANT NAME: THREE MILE ISLAND - UNIT 1

REVIEWER INITIAL: XRS
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METROPOLITAN EDISON COMPANY

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March 13, 1978
GQL 0360

TELEPHONE 215 - 929-3601

Director of Nuclear Reactor Regulation
Attn: Mr. R. W. Reid, Chief
Operating Reactors Branch No. 4
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Sir:

Three Mile Island Nuclear Station, Unit 1 (TMI-1)
Operating License No. DPR-50
Docket No. 50-289
Cycle 3 Extension

Metropolitan Edison Company letter of March 1, 1978, GQL 0337, submitted additional information with respect to Technical Specification Change Request No. 72, Cycle 3 Extension. It has been noted that on Page 11 of the above submittal the Doppler coeff, $10^{-5} \Delta k/k/OF$ (EOL) for Cycle 3 @ 315 EFPD's was shown as $-.152$. The correct value is $-.152$.

Enclosed please find forty (40) copies of revised Page 11.

Sincerely,

J. G. Herbein
Vice President-Generation

JGH:RJS:cjg

Enclosure

*Acc
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1/40**

COMPARISON OF
KEY ACCIDENT AND TRANSIENT
PARAMETERS
AFFECTED BY CYCLE 3 EXTENSION

<u>PARAMETER</u>	<u>SAFETY STUDY FOR CYCLE 3 RELOAD REPORT</u>	<u>CYCLE 3 @ 315 EFPD's</u>
Doppler coeff, $10^{-5} \Delta k/k/^{\circ}F$ (EOL)	-1.33	-1.52
Moderator coeff, $10^{-4} \Delta k/k/^{\circ}F$ (EOL)	-3.0	-2.60
All rod group worth, $\% \Delta k/k$, HZP	10.0	8.72
Maximum ejected rod worth, HZP, $\% \Delta k/k$	1.00	0.68
Maximum dropped rod worth, HFP, $\% \Delta k/k$	0.46	less than 0.20
Maximum stuck rod worth, HZP, EOC, $\% \Delta k/k$	2.1	2.07
Minimum shutdown margin, HZP, $\% \Delta k/k$	1.0	greater than 1.4

Revised: 3/2/78