

50-289

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TO: S.A. VARGA

FROM: METROPOLITAN EDISON CO.
READING, PA
R.C. ARNOLD

DATE OF DOCUMENT

3/30/77

DATE RECEIVED

4/5/77

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DESCRIPTION

LTR. RE. OUR 7/12/76 LTR...LTR. FURNISHING
INFORMATION RELATED TO ANTICIPATED TRANSIENTS
WITHOUT SCRAM...

(1P)

ENCLOSURE

DO NOT REMOVE
ACKNOWLEDGEDPLANT NAME: THREE MILE ISLAND # 1
SAB

1488 166

SAFETY

FOR ACTION/INFORMATION

ENVIRO

ASSIGNED AD:		ASSIGNED AD:
BRANCH CHIEF:	Reid (5)	BRANCH CHIEF:
PROJECT MANAGER:	Zwetzis	PROJECT MANAGER:
LIC. ASST. :	Ingram	LIC. ASST. :

INTERNAL DISTRIBUTION

REG FILE	SYSTEMS SAFETY	PLANT SYSTEMS	SITE SAFETY &
NRC PDR	HEINEMAN	TEDESCO	ENVIRO ANALYSIS
I & E (2)	SCHROEDER	BENAROYA	DENTON & MULLER
OELD		LAINAS	
GOSSICK & STAFF	ENGINEERING	IPPOLITO	ENVIRO TECH.
MIPC	MACARRY	KIRKWOOD	ERNST
CASE	BOSNAK		BALLARD
HANAUER	SIHWEIL	OPERATING REACTORS	YOUNGBLOOD
HARLESS	PAWLICKI	STELLO	
			SITE TECH.
PROJECT MANAGEMENT	REACTOR SAFETY	OPERATING TECH.	GAMMILL
BOYD	ROSS	EISENHUT	STAPP
P. COLLINS	NOVAK	SHAO	HULMAN
HOUSTON	ROSZTOCZY	BAER	
PETERSON	CHECK	BUTLER	SITE ANALYSIS
MELTZ		GRIMES	VOLLMER
HELTEMES	AT & I		BUNCH
SKOVHOLT	SALTZMAN		J. COLLINS
	RUTBERG		KREGER

EXTERNAL DISTRIBUTION

CONTROL NUMBER

LPDR: Harrisburg, Pa	NAT. LAB:	BROOKHAVEN NAT. LAB.
TIC:	REG V.IE	ULRIKSON (ORNL)
NSIC:	LA PDR	
ASLB:	CONSULTANTS:	
ACRS 16 CYS HOLDING/SENT	As CAT B	

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METROPOLITAN EDISON COMPANY SUBSIDIARY OF GENERAL PUBLIC UTILITIES CORPORATION

POST OFFICE BOX 542 READING, PENNSYLVANIA 19603

March 30, 1977

TELEPHONE 215 393601

GOL 0418
REGULATORY DOCKET FILE COPY



Director of Nuclear Reactor Regulation
Attn: Mr. S. A. Varga, Chief
Light Water Reactors Branch 4
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Sir:

Three Mile Island Nuclear Station Unit 2 (TMI-2)
Docket No. 50-320
License No. CPPR-66

By letter dated July 12, 1976, you requested that we provide certain information related to Anticipated Transients Without Scram (ATWS). Analyses have been conducted by B&W in accordance with the requirements of your December, 1975, status report on ATWS. B&W filed an interim report on December 3, 1976 which presented the result of the analyses conducted for the ATWS events which result in the greatest pressure excursions. In addition to analyses results, this B&W report also described appropriate design changes which provide the required diversity for the reactor trip system and therefore the resolution to the ATWS concern.

We believe that you are aware of B&W's schedule for submitting a final revision to B&W 10099 in May, 1977. This report will complete the spectrum of ATWS events. The analyses already conducted have, however, indicated unacceptable results. In addition, a resolution of the ATWS concern, which we endorse, has been presented and we do not believe that the results of the analyses to be presented in May will alter the proposed resolution. In light of this, we believe that Parts (a) and (b) of your July 12, 1976, request have been effectively fulfilled.

In view of the fact that you have not accepted the B&W proposal for the resolution of ATWS, we believe that it is premature to respond to Parts (c) and (d) of your request. Since you have indicated your determination to move forward to resolve the ATWS concern, we await your timely acceptance of our proposal. Upon your acceptance of the B&W proposal, we will provide you with the necessary schedules for providing details of the plant modification and for installation of the identified equipment.

Sincerely,

R. C. Arnold
Vice President

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RCA.CWS:eg

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