

50-289

## NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

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TO: Mr Reid

FROM: Metropolitan Edison Co  
Reading, Pa  
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## DESCRIPTION

Ltr w/attachments....furnishing info  
concerning increasing the storage capacity  
of spent fuel pool 'B'.....

PLANT NAME: Three Mile Island #1

## ENCLOSURE

DO NOT REMOVE

ACKNOWLEDGED

1488 116

## SAFETY

## FOR ACTION/INFORMATION

ENVIRO 11-8-76

ehf

ASSIGNED AD:		ASSIGNED AD:
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<input checked="" type="checkbox"/> ACRS 16 CYS HOLDING/SENT	AS CAT B	11-8-76	



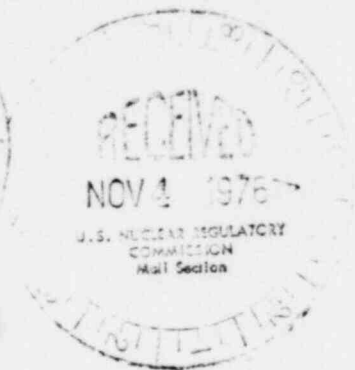
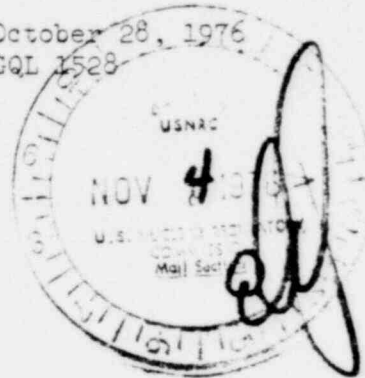
METROPOLITAN EDISON COMPANY

POST OFFICE BOX 542 READING, PENNSYLVANIA 19603

TELEPHONE 215 - 929-3601

October 28, 1976  
GQL 1528

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



Dear Sir:

SUBJECT: THREE MILE ISLAND NUCLEAR STATION UNIT 1 (TMI-1)  
OPERATING LICENSE NO. DPR-50  
DOCKET NO. 50-289

Because of the uncertainties in the future availability of fuel reprocessing facilities, Metropolitan Edison Company plans to increase the storage capacity of TMI-1 spent fuel pool 'B' to prevent a shortage of space for storing spent fuel. The proposed method of accomplishing this increase is to install new storage racks with fuel assembly center-to-center spacing smaller than that which the present racks provide. These high density racks will utilize stainless steel square tubes to maintain the required shutdown margin and support the fuel assemblies. The design concept and criteria for this modification are attached.

The proposed schedule for incorporation of the high density storage racks is also provided in the attachment. The basis for this schedule is the need for additional storage capacity by May 1977. After May 1977 there will not be sufficient storage capacity in the spent fuel pool to remove an entire core from the reactor should it become necessary or desirable. It is desirable to have high density storage racks on-site as early as possible to minimize the vulnerable period following May 1977. A formal request for approval of the modification will be submitted in December 1976. NRC approval of the modification is requested by March 31, 1977. However, to insure that all NRC requirements are included in the submittal, we request a meeting with appropriate members of the NRC staff during the week of November 1, 1976, to discuss these requirements and the attached design concept and criteria.

Your prompt consideration of our request is appreciated.

1488 117

Sincerely,

R. C. Arnold  
Vice President

RCA/DHR/ld  
Attachment