

Metropolitan Edison Company  
Reading, Pa.

(R. E. Weidig)

TO:

Dr. Peter A. Morris

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DESCRIPTION: (Must Be Unclassified)

Ltr advising that  
the two redundant emergency reactor  
building cooling water pumps will be  
utilized as a means of supplying  
emergency feedwater inventory.....

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COMMENT ☐

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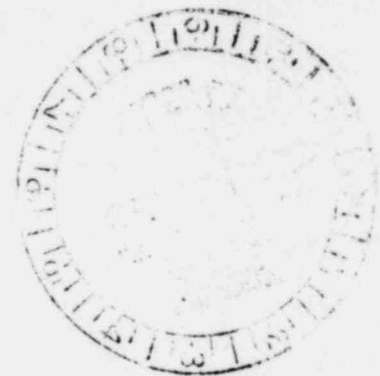
## Metropolitan Edison Company

P. O. Box 542  
READING, PENNSYLVANIA 19603

September 23, 1968

Dr. Peter A. Morris  
Director, Division of Reactor Licensing  
U.S. Atomic Energy Commission  
Washington, D.C.

Subject: Three Mile Island Nuclear Station Unit No. 1  
Docket No. 50-289 Regulatory Suppl. File Cy.  
Construction Permit No. CPPR-40



Dear Dr. Morris:

In answer to Division of Reactor Licensing question 4.12, which asked that consideration be given to delivering service water or cooling tower inventory to the hotwell as a back up to the available feedwater source, a motor driven booster pump was proposed to take suction from the nuclear cooler river water discharge. This was subsequently amended to discharge to the emergency feedwater pump(s) suction rather than the hotwell.

At the time of proposing this booster pump, all plant service water systems were closed cycle and a separate pump was necessary. Now that the final design incorporates two redundant emergency reactor building cooling river water pumps discharging directly to the reactor building emergency coolers, the more logical choice is to utilize these redundant pumps (and pipelines) as the means of supplying emergency feedwater inventory; the single small booster pump will be deleted.

This letter is to advise you of this recent design development which will be incorporated into the plant as it is constructed.

Very truly yours,

METROPOLITAN EDISON COMPANY

R.E. Neidig  
Vice President

cc: L.H. Roddis, Jr.

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