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U. S. NUCLEAR REGULATORY COMMISSION

MAIL CONTROL FORM

FORM NRC 3265  
(1-75)

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METROPOLITAN EDISON COMPANY SUBSIDIARY OF GENERAL PUBLIC UTILITIES CORPORATION

POST OFFICE BOX 542 READING, PENNSYLVANIA 19603

TELEPHONE 215 - 929-3601

September 29, 1975  
GQL 1553

Director  
Division of Reactor Licensing  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Sir:

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



Pursuant to our letter of July 11, 1975, please be informed that as a result of analyses performed on the rip rap of the dikes at TMI, the following deficiencies have been identified:

1. In several areas the rip rap is smaller or thinner than originally specified. To correct this situation, additional rip rap of the proper size will be placed in these areas.
2. In one 225-foot-long area just south of the Unit 2 intake structure the existence of a toe can not be verified due to the presence of a thick covering of spoil material. To provide such verification, a trench will be dug through the spoil. If this excavation reveals the presence of a toe, all spoil material covering the toe will be removed; if it does not, a toe will be placed.
3. In the area between the two intake structures and in another 250 foot-long area just north of the Unit 1 intake structure a toe probably does not exist. To correct this situation, additional, coarse rip rap material will be placed at the base of the rip rap facing in these two areas to serve as a toe.
4. In the area between the two intake structures and just north of the Unit 1 intake structure there is essentially no filter blanket present. This is not considered to represent a serious situation in that any additional rip rap which is placed on the facing to restore lost filter volume will increase the thickness of the facing and thereby decrease the need for a filter; therefore, no attempt will be made to replace the filter blanket in these areas except by the application of additional rip rap to the dike facing.

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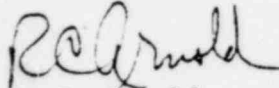
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All of the repairs mentioned in items 1 through 4 above are expected to be completed by the end of 1975, river conditions and other factors permitting. In the meantime, a region-by-region analysis performed by our consultants indicates that the existing rip rap facing of the dike will be adequate to withstand design flow velocities and wave heights.

We trust this submittal is adequate; however, should you have any questions regarding this matter, please do not hesitate to contact me.

Sincerely,



R. C. Arnold  
Vice President

RCA:JFV:tas

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