

NSIC



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

December 31, 1979

Docket No. 50-289

Mr. R. C. Arnold
Senior Vice President
Metropolitan Edison Company
260 Cherry Hill Road
Parsippany, New Jersey 07054

Dear Mr. Arnold:

By letters dated September 14, 1977, and February 12, 1979, we informed you of a limited boron dilution incident involving the contents of a spray additive tank at an operating PWR facility. In light of this, you were asked to review potential boron dilution incidents at the Three Mile Island, Unit No. 1 (TMI-1) facility to insure that a similar or other unreviewed method of boron dilution was not more limiting than had been previously analyzed and found acceptable.

Your response by letters dated December 16, 1977 (GQL 1707), September 10, 1979 (GQL 0444), November 1, 1979 (GQL 1377), and December 5, 1979 (GQL 1467) indicates that you have reviewed potential boron dilution incidents at your facility not covered by your FSAR analysis. As a result of this review, you have found that boron dilution could occur by Sodium Hydroxide (Na OH) injection during operation of the Decay Heat Removal System. You have stated that this moderator dilution incident is precluded at TMI-1 by operating procedures. These procedures provide double valve isolation of the Na OH Tank from the Decay Heat Removal System. We find this to be acceptable.

Based on your response and our findings, no further action regarding this generic issue is necessary.

Sincerely,

Robert W. Reid, Chief
Operating Reactors Branch #4
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cc: See next page

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- * Atomic Safety and Licensing Board Panel
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