



Metropolitan Edison Company  
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July 17, 1979  
GQL 0902

Director of Nuclear Reactor Regulations  
Attn: R. W. Reid, Chief  
Operating Reactors Branch #4  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Sir:

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

The following status of the TMI-1 piping cracks investigation is provided as requested by your Mr. Chris Nelson on July 12, 1979.

Status as of 0800, 07-12-79

<u>System</u>	<u>No. of Welds Inspected</u>	<u>No. of UT Indications</u>
Spent Fuel Cooling	272	67
Decay Heat Removal	366	89
Building Spray	194	52
Make-Up & Purif.	188	21
Core Flood	0	0

Table #1 in our letter of June 30, 1979 (GQL 0865), indicated that a total of 15 "visual leaks" were found. These "visual leaks" were identified at areas where boron crystal precipitation was found on the piping. These areas were subsequently re-examined to verify the existence of through-wall cracks in the piping. As a result it was found that only six of the 15 "visual leaks" were in fact through-wall pipe cracks. Of the six leaks, five were in the Spent Fuel Cooling System, and one was in the Decay Heat Removal System.

As stated in GQL 0865, the next followup report will be submitted by August 15, 1979.

Sincerely,

J. G. Herbein  
Vice President  
Generation

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JGH:RJS:jfg

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