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October 7, 1983  
5211-83-289

Office of Nuclear Reactor Regulation  
Attn: J. F. Stolz, Chief  
Operating Reactors Branch No. 4  
Division of Licensing  
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  
TMI-1 Steam Generator Long-Term Corrosion  
Test Program Status Update

This letter provides the quarterly update on the status of the TMI-1 Steam Generator long-term corrosion test program. As described in GPUN Topical Report 008, Rev. 3 p. 26-27, the program consists of four test loops containing TMI-1 tube samples experiencing simulated plant operating life. Key parameters are varied from loop to loop.

As of September 27, 1983, all four test loops are at normal operating temperatures in the listed operating cycles:

<u>LOOP</u>	<u>CYCLE</u>	<u>TOTAL TEST HOURS</u>
1	Operating #4	5162
2	Operating #4	5114
3	Operating #2	2120
4	Operating #2	2120

After completion of the present cycles, two additional cycles will be run on each loop. The anticipated date for completion of the testing is May 15, 1984.

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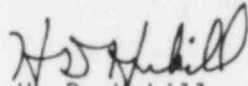
Mr. J. F. Stolz

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Results of visual examination, eddy current testing and metallography of C-rings continue to indicate that no corrosive attack is occurring.

Sincerely,

  
H. D. Hukill  
Director, TMI-1

HDH:MJG:vjf

cc: R. Conte  
C. McCracken  
H. Silver