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April 18, 1984
5211-84-2094

Office of Nuclear Reactor Regulation
Attn: John F. Stolz, Chief
Operating Reactors Branch No. 4
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Stolz:

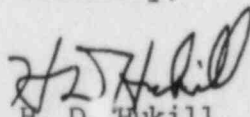
Three Mile Island Nuclear Station, Unit I (TMI-1)
Operating License No. DPR-50
Docket No. 50-289
Sampling Condenser Vacuum Pump Exhaust

Based on a telephone conversation between members of your Staff and GPUN representatives on April 12, 1984, this letter is to inform you of our commitment to install a continuous sampling system for radioiodine on the condenser vacuum pump exhaust. As described below, the existing sampling program provides appropriate methods to track 10 CFR 50, Appendix I doses due to condenser off-gas effluent releases. The addition of continuous radioiodine sampling will allow us to more accurately quantify the radioiodine releases.

We are proceeding with engineering and anticipate that we will be able to provide a firm schedule for installation by July 1, 1984. At that time we will also provide a schedule for submitting appropriate changes to the Technical Specifications.

In the interim, we will continue with our grab sample program during plant operation and in the event releases are significant enough to cause a high alarm on the condenser offgas monitor (RM-A5L) we will do continuous sampling through the MAP-5 system. Our calculations show that continuous releases at the RM-A5L high set point would result in offsite doses less than 20% of the annual Appendix I limit. Therefore, adherence to Appendix I guidelines is assured in the interim before the permanent continuous sampler is installed.

Sincerely,


H. D. Hukill,
Director, TMI-1

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