

February 7, 1972

Dr. Peter A. Morris, Director
Division of Reactor Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545



Subject: Detection of Nuclear power channel drift during
bi-weekly surveillance test
R. E. Ginna Nuclear Power Plant Unit No. 1
Docket No. 50-244

Dear Dr. Morris:

On February 3, 1972 during the routine bi-weekly PT 6.3 Surveillance Test (Periodic Test - NIS Power Range Channels) the power range high setpoint on Nuclear Power Channel N-41 was found to be at 110 percent of rated power. This value exceeded the Limiting Safety System setting of ± 109 percent as set forth in Section 2.3.1.2 of the Technical Specifications and accordingly constitutes an abnormal occurrence.

With the channel in a trip mode, investigation revealed that the low voltage supply had drifted out of its specifications of $\pm .025$ volt tolerance. The channel was realigned to within proper limits and retested satisfactorily. Normally two of the four channels are necessary for a trip condition. During the testing and realignment the redundancy was reduced to a one of three channels needed for a trip. All channels were subsequently tested satisfactorily.

The last complete alignment of all the power channels was made on November 11, 1971.

The Plant Operations Review Committee reviewed the occurrence and recommended that the data of the tests be more closely observed for trend in light of the shortness of the time period since the full alignment of these protection channels.

Very truly yours,

Keith W. Amish
Keith W. Amish

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Inquiry RPT on 2-7-72

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