

MAR 8 1985

Mr. Dennis L. Farrar
Director Nuclear Licensing
Commonwealth Edison Company
Post Office Box 767
Chicago, Illinois 60690

Dear Mr. Farrar:

Subject: Seismic Qualification of Equipment - Byron Station, Unit No. 1

We have reviewed your letter of March 5, 1985 which supplements the information previously provided in your letter of October 16, 1984 regarding temporary use of unmodified NTC cards on certain Westinghouse 7300 series instrumentation during startup testing of Byron 1. The unmodified cards will be used on up to 16 RTD channels at once when precise reactor coolant temperature measurements are made during the RCS Flow Measurement Startup Test at 30%, 50%, 75% and 100% power levels and during the Thermal Power Measurement Startup Test at 75% power. The unmodified cards will be installed for about 8 hours for each of the five temperature measurements.

We concur with your statement that the temporary use of the unmodified NTC cards is considered acceptable for the above startup testings based on the following:

- 1) Low probability of seismic event during the short periods when they will be in use. The likelihood of a transient during an earthquake which would trigger the overtemperature delta T setpoint is even less.
- 2) Special cautions will be given to the reactor operators whenever an unmodified NTC card is installed to alert them to the possibility that the overtemperature delta T instruments might not function as expected during an earthquake.

In addition, temporary use of the unmodified NTC cards during calibration, surveillance and maintenance activities is also found acceptable if an unmodified NTC card is installed only after the affected channel has been placed in the tripped mode. The tripped channel is inoperable in this situation and therefore contact bounce would not be a problem.

Based on the above, we conclude that temporary use of the unmodified NTC cards for the purposes as stated is acceptable.

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PDR

B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing

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DL:LB#1
LOlshan:es
3/8/85

DL:LB#1
BJYoungblood
2/9/85

DST:ICSB
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3/8/85

Docket File
NRC PDR
Local PDR

PRC System
NSIC
LB#1 Rdg

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

Docket No.: STN 50-454

MAR 08 1985

Mr. Dennis L. Farrar
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Commonwealth Edison Company
Post Office Box 767
Chicago, Illinois 60690

Dear Mr. Farrar:

Subject: Seismic Qualification of Equipment - Byron Station, Unit No. 1

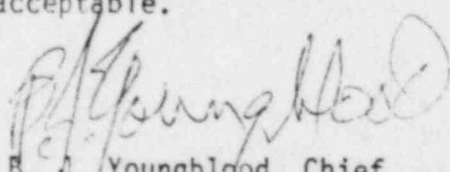
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Based on the above, we conclude that temporary use of the unmodified NTC cards for the purposes as stated is acceptable.


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cc: See next page

BYRON

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