



The Foxboro Company

Foxboro, MA 02035-2099
United States of America

Telephone +1 508 543 8750
Facsimile +1 508 549 6750
Internet http:// www.foxboro.com/

December 18, 1997

Mr. Steve Saidan
U.S. Nuclear Regulatory Commission
Events Assessment
1155 Rockville Heights
Rockville, MD 02852

Subject: Progress report on Event Number 33081

Dear Mr. Saidan,

I am pleased to report that Foxboro has completed the nuclear seismic qualification testing of the electronics module design for the pressure transmitters which we inadvertently shipped to two nuclear utility customers: Consolidated Edison of New York and Vermont Yankee. Attached for your information is an internal memo signed by Jack Sears, the Principal Engineer of our Product Assurance Laboratories, documenting the fact that the seismic qualification tests have been completed. We expect to have a final formal report issued by the 20th of January, 1998.

By December 31, 1997, we will provide to both of these customers a report of our investigation of the root cause for our inadvertent shipment of the incorrect electronic modules, along with corrective and preventive action.

Attached for information are copies of letters to the two utilities informing them of the qualification test results. We will continue to keep you updated and provide confirmation that the nuclear seismic qualification report has been issued.

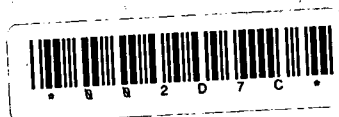
Sincerely,

Truman L. King
Director Corporate Quality and Product Safety

Encl: 3
TLK/baa

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PDR ADOCK 05000247
S PDR



A Siebe Group Company



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December 18, 1997

Consolidated Edison Company of New York, Inc.
Indian Point Nuclear Generating Station #2
4 Irving Place
New York, NY 10003

Attention: Mr. Frank Simone, Purchasing Supervisor

Subject: Your P.O. order #617927, serial #'s 97030077 for nuclear qualified pressure transmitters shipped 3/11/97.

Dear Mr. Simone,

I am pleased to report that Foxboro has completed the nuclear seismic qualification testing of the electronics module design for the pressure transmitters which we shipped to you on the subject purchase order. Attached for your information is an internal memo signed by Jack Sears, the Principal Engineer of our Product Assurance Laboratories, documenting the fact that the seismic qualification tests have been completed. We expect to have a final formal report issued and transmitted to you by the 20th of January, 1998.

By December 31, 1997, we will provide you with a report of our investigation of the root cause for our inadvertent shipment of the incorrect electronic modules, along with corrective and preventive action.

Please advise us if the radiation capability of 4700 rads total integrated dose (TID) meets your application life requirements. If not, we will supply you with an identical replacement electronics module for later installation as dosage accumulates toward the 4700 rads capability.

Please contact the undersigned at (508) 549-6797, Fax (508) 549-4639 or Richard Anderson at (508) 549-3889, Fax (508) 549-4458 if you have any questions or would like additional information. Foxboro sincerely regrets this incident and trusts that our actions will completely resolve this matter to your satisfaction.

Sincerely,

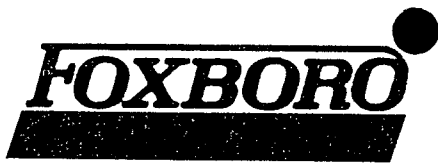
Truman L. King
Director Corporate Quality and Product Safety

CC: Mr. Alan Budnick, General Manager
Quality Assurance Oversight
Consolidated Edison Company of New York, Inc.

TLK/baa



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December 18, 1997

Vermont Yankee Nuclear Power Corporation
P.O. Box 157
Vernon, VT 05354

Attention: Mr. David Bauer
Purchasing Supervisor

Subject: Your P.O. order #96-14056-00 serial #'s 96190560, 96190561, 96190562, 96190563 and 96190564 for nuclear qualified pressure transmitters shipped 7/26/96.

Dear Mr. Bauer,

I am pleased to report that Foxboro has completed the nuclear seismic qualification testing of the electronics module design for the pressure transmitters which we shipped to you on the subject purchase order. Attached for your information is an internal memo signed by Jack Sears, the Principal Engineer of our Product Assurance Laboratories, documenting the fact that the seismic qualification tests have been completed. We expect to have a final formal report issued and transmitted to you by the 20th of January, 1998.

By December 31, 1997, we will provide you with a report of our investigation of the root cause for our inadvertent shipment of the incorrect electronic modules, along with corrective and preventive action.

Please contact the undersigned at (508) 549-6797, Fax (508) 549-4639 or Richard Anderson at (508) 549-3889, Fax (508) 549-4458 if you have any questions or would like additional information. Foxboro sincerely regrets this incident and trusts that our qualification of the electronics module and our corrective and preventive actions will completely resolve this matter to your satisfaction.

Sincerely,

Truman L. King
Director Corporate Quality and Product Safety

TLK/baa



A Siebe Group Company

To: R. Porter
Neponset QC Engineering
Issued: 11/18/97

NOTICE
OF
N-820 SERIES INTELLIGENT TRANSMITTER SEISMIC REQUALIFICATION


This is a preliminary notice that the seismic requalification tests of the N-820 Series Intelligent Transmitters with the 2 Board electronics modules has been successfully completed. Test results were well within the +/-5% acceptance criteria and there was no failure of mountings nor of hardware. Digital measurements and communications were unaffected during the seismic tests. The new 2 board intelligent electronics modules qualified by the seismic retest are Pt. Nos. L0121GS and L0121GT.

The N-820 Series Intelligent Transmitters with the 2 Board intelligent electronics modules will now be documented as qualified for Class 1E, Mild Environment and for Class II Structural Integrity. N-820 Intelligent models not seismic tested will be qualified by similarity. The new qualification documentation will be issued within the next several weeks and is as follows:.

New Qualification Documents

- QOAAD07 Test Program for Seismic Requalification of N-820 Series Intelligent Transmitters with 2 Board Electronics Module
- QOAAD08 Test Results of the Seismic Requalification of N-820 Series Intelligent Transmitters with 2 Board Electronics Module
- QOAAD09 Seismic Requalification of N-820 Series Intelligent Transmitters with 2 Board Electronics Module by Similarity

Notification by:


Jack Sears
Principal Engineer
Product Assurance Laboratory
D303

GENERAL INFORMATION or OTHER

EVENT NUMBER: 33081

LICENSEE: FOXBORO COMPANY
CITY: FOXBORO
COUNTY:
LICENSE#: DOCKET:

REGION: 1
STATE: MA
AGREEMENT: Y

NOTIFICATION DATE: 10/14/97
NOTIFICATION TIME: 11:36 [ET]
EVENT DATE: 10/14/97
EVENT TIME: 00:00 [EDT]
LAST UPDATE DATE: 10/14/97

NOTIFICATIONS

JOHN WHITE RDO
VERN HODGE NRR

NRC NOTIFIED BY: TRUMAN KING
HQ OPS OFFICER: STEVE SANDIN

EMERGENCY CLASS: NOT APPLICABLE
10 CFR SECTION:
CCCC 21.21 UNSPECIFIED PARAGRAPH

EVENT TEXT

PART 21 NOTIFICATION

FOXBORO COMPANY LOCATED IN FOXBORO, MA. SUPPLIED A TOTAL OF SIX NUCLEAR QUALIFIED PRESSURE TRANSMITTERS CONTAINING THE INCORRECT ELECTRONIC MODULES. THE ELECTRONIC MODULES, ALTHOUGH FROM THE SAME FAMILY, WERE NOT SEISMICALLY QUALIFIED AS SPECIFIED ON THE PURCHASE ORDERS. THESE SIX UNITS WERE SUPPLIED TO:

QTY: 5
MODEL # N-823DP-D3SH1
SHIPPED: 7/26/96
INSTALLED AT VERMONT YANKEE

QTY: 1
MODEL # N-823DP-D3SH2-F
SHIPPED: 3/11/97
INSTALLED AT INDIAN POINT 2

ALSO, THE PURCHASE ORDER FROM INDIAN POINT 2 SPECIFIED A CUMULATIVE EXPOSURE OF 6,000 RADS FOR SERVICE LIFE CONSIDERATION. FOXBORO DETERMINED THAT, THROUGH AN OVERSIGHT ON THEIR PART, THIS REQUIREMENT HAD NOT BEEN TAKEN INTO CONSIDERATION.

FOXBORO HAS BEEN IN CONTACT WITH BOTH UTILITIES. AT THIS TIME, NEITHER UTILITY HAS INDICATED AN OPERABILITY CONCERN FOR THESE INSTALLED PRESSURE TRANSMITTERS. FOXBORO WILL FORMALIZE AND SUBMIT A WRITTEN REPORT.