



94-043
P21 94043

CONAX BUFFALO CORPORATION • 2300 WALDEN AVENUE, BUFFALO, NEW YORK 14225
716-684-4500 • 1-800-223-2389 • FAX: 716-684-7433



February 18, 1994

NRC Operations Center
U. S. Nuclear Regulatory Commission
Washington, DC 20555

**SUBJECT: FOLLOW-UP REPORT REGARDING POTENTIAL DEFECT CONAX
BUFFALO QUALIFIED "Nuclear Service Connectors" (Quick Disconnects)**

Reference: 1) Conax Buffalo Initial Notification of Potential Defect dated 1/19/94 (attached)

Gentlemen:

The purpose of this letter is to follow-up the Reference 1 NRC notification regarding a potential defect in certain models of Conax Buffalo Nuclear Service Connectors (NSC) used in quick disconnect applications which are sensitive to fluctuations in resistance. As stated in Reference 1, this report will 1) list all domestic utilities which have been supplied NSCs with copper conductors (See Attachment A to this letter) and 2) provide a recommended design for applications where replacement may be required. All utilities listed in Attachment A have been notified.

CORRECTIVE ACTION

For applications where NSC replacements may be required, Conax Buffalo will provide designs which will utilize silver brazing for copper conductors to Inconel contacts and silver soldering for copper conductors to plated copper contacts.

For further clarification of our position or any additional information, please contact Mr. N. A. Ostaszewski, Conax Buffalo Corporation, at (716) 684-4500, ext. 326.

Sincerely,

CONAX BUFFALO CORPORATION

Robert A. Fox
President

/dh

- cc: W. C. Federick, V.P. - Nuclear Products Division
- J. D. MacDonald, Product Manager - Nuclear Products Division
- B. J. Jankowski, Director, International Marketing/Sales - Nuclear Products Division
- T. P. Schaefer, Chief Engineer - Nuclear Products Division
- R. E. Dulski, Quality Manager

"Excellence By Choice..... Not By Chance"

**ATTACHMENT A - U.S. UTILITIES WHICH HAVE BEEN SUPPLIED
CONAX BUFFALO NSCS WITH COPPER CONDUCTORS**

| UTILITY | PLANT | PART NUMBER | QUANTITY |
|-----------------|---|---------------|----------|
| PSE&G | Salem | 7AH7-14000-01 | 54 |
| NYPA | Indian Point #3 | 7AN7-14000-01 | 8 |
| DUQUESNE LIGHT | Beaver Valley | 7AS1-14000-01 | 5 |
| | | 7AS1-14001-01 | 5 |
| ENERGY INC. | Arkansas Nuclear One | 7AS7-14000-01 | 4 |
| | | 7AS7-14000-02 | 2 |
| | | 7S38-14000-01 | 8 |
| | | N14000-01 | 14 |
| CONSUMERS POWER | Palisades | 7CD4-14000-01 | 3 |
| | | 7CD4-14000-02 | 3 |
| | | 7M81-11000-01 | 18 |
| | | 7S47-14000-01 | 12 |
| | | 7M81-24001-01 | 2 |
| SCE&G | V.C. Summer | 7DE4-14000-01 | 16 |
| PG&E | Diablo Canyon (Sold via Fluid Components Inc.) | 7FA3-14000-01 | 6 |
| | | 7FA3-14001-01 | 2 |
| BG&E | Calvert Cliffs | 7F83-10000-01 | 2 |
| NAESCO | Seabrook | 7N64-14000-01 | 60 |
| | | 7N64-14001-01 | 60 |
| | | 7N64-14002-01 | 2 |

ABB-Combustion Engineering
Nuclear Power Systems
1000 Prospect Hill Road
Windsor, CT 06095

ATTN: T. J. Henchey,
Nuclear Procurement

Baltimore Gas & Electric
Calvert Cliffs Nuclear Power Plant
1650 Calvert Cliffs Parkway
Lusby, MD 20657

ATTN: Supervisor, Vendor Audits

Consumers Power Company
Purchasing Department
312 West Michigan Avenue
Jackson, MI 49201

ATTN: Lawrence A. Retter, M-677

Duquesne Light Company
Beaver Valley Power
State Route 168
P.O. Box 4
Shippingport, PA 15077

ATTN: Ken Girada, Quality Services Manager
M/D BV-QA

Entergy Operations Inc.
Arkansas Nuclear One
Route 3, Box 137G
South Junction of Highway
US 64 West and Arkansas 333 South
Russelville, AR 72801

ATTN: Manager, Industry Events Review

Fluid Components Inc.
1755 LaCosta Meadows Drive
San Marcos, CA 92069

ATTN: Nuclear Quality Assurance
Manager

New York Power Authority
Indian Point #3 N.P.S.
P.O. Box 26
Buchanan, NY 10511

ATTN: Director, Nuclear
Licensing

North Atlantic Energy Services
Corporation
Seabrook Station
P.O. Box 300
Seabrook, NH 03874

ATTN: R. J. DeLoach, Executive
Director
- Engineering & Licensing

North Atlantic Energy Services
Corporation
Seabrook Station
P.O. Box 300
Seabrook, NH 03874

ATTN: B. L. Drawbridge,
Director
- Nuclear Production

ATTN: Mike Fowlkes, M/C-805
Manager Licensing
South Carolina Electric & Gas Co.
V. C. Summer Station
P.O. Box 88
Jenkinsville, SC 29065

ATTN: Manager - Procurement QA
M/C N-14
Public Service Electric & Gas
Salem Nuclear Power Station
Nuclear Department
P.O. Box 236
Hancock Bridge, NJ 08038

ATTN: Robert McQuade
Pacific Gas & Electric Co.
77 Beale Street
San Francisco, CA 94106

ATTN: I Love, Procurement Engineer
Pacific Gas & Electric Co.
Diablo Canyon Power Plant
P.O. Box 56
Avila Beach, CA 93242

ATTN: M. D. Harrington,
Material Requirements
Documents Supervisor
North Atlantic Energy Services Corp.
Seabrook Station
P.O. Box 300
Seabrook, NH 03874

P2194043
p.4