



Worcester Controls

A BTR Company

January 31, 1996

NRC Operations Centre
Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555
Facsimile No.: (301) 816-5151

FROM: Canadian Worcester Controls Ltd.
Glenn Kotack, C.E.T.
Quality Assurance Manager

SUBJECT: Final Report regarding 10 CFR Part 21 Notification initiated
September 13, 1995

EQUIPMENT DESCRIPTION: 3/4" ASME Section III Class 2 Ball Valves

NATURE OF DEFECT:

Ball valves contain "suspect" pressure boundary bolting. CWCL supplier (Cardinal Industrial Products) identified the bolts as originating from a heat lot charge that contained defective product.

IMMEDIATE ACTION BY CWCL:

An investigation was performed to account for the location of all suspect bolting which subsequently identified its use in the assembly of valves for locations as indicated below. Balance of suspect bolting was located in CWCL inventory. 100% of suspect bolting has been accounted for.

LOCATION OF COMPONENTS:

- A) T.U. Electric Company
Comanche Peak SES, Glen Rose, Texas
(4) valves S/N N94-0114-9, -10, -11, & -12
- B) Carolina Power & Light Company
Brunswick Plant, Southport, North Carolina
(4) valves S/N N94-0121-1, -2, -3 & -4

CORRECTIVE ACTION:

- A) Four valves which contained the suspect bolts were returned to CWCL to have bolting replaced. This was accomplished and the valves were returned to T.U. Electric.

9602060071 960131
PDR ADOCK 05000324
S PDR

060034

.....2/

IE19
1/0



(2)

- B) Upon receipt of initial notification, CP&L advised CWCL that (3) valves were in inventory and had been quarantined while the fourth valve had been installed. Due to the lead time required by CWCL to obtain replacement bolting, CP&L advised us they would procure replacement bolts from another source and would handle the actual change out themselves.
- C) Corrective action by CWCL supplier (Cardinal Industrial Products - Nuclear Division of B & G Manufacturing) has been summarized in their Final Report and submitted to the NCR (reference Event 29257 November 21, 1995).

SUMMARY: All bolting identified by CWCL supplier (Cardinal Industrial Products) as being "suspect" has been accounted for. Notifications were issued to all customers who had received any product containing the "suspect bolting." CWCL Corrective Action to have bolting replaced has been completed and is considered closed. "Suspect bolting" in CWCL's possession has been returned to the supplier.



Glenn Kotack, C.E.T.
Quality Assurance Manager

cc: Authorized Inspection Agency
Ontario Ministry of Consumer and Commercial Relations
Pressure Vessels Safety Branch
Mr. Larry Calvert - ANIS

CWCL Operations Manager - B. Rana
CWCL Sales Manager - H. Klaus
CARDINAL 10CFR21 File Sept./95