



Flow Control Division

Anchor/Darling Valves
BW/IP Valves
Edward Valves
Valtek Control Products
Worcester Valves

November 19, 2009

Subject: USNRC 10CFR Part 21 Notification
Reference: Flowserve Figure 848 Disk/Disk Nut Separation
Attachment: USNRC Notice 110609

Dear U.S. Nuclear Utility customers:

Please find the attached USNRC Notice 110609 that has been filed with US Nuclear Regulatory Commission in accordance with the provisions of 10CFR-Part 21.

The subject valves are Flowserve Figure 848 (threaded ends) or 848Y (socket weld ends) Y-pattern bolted bonnet stop valves. The disk nut of the valve in the attached notice separated from the disk. In this case the safety function of the valve was not affected by the separation of the disk nut from the disk. However, other Figure 848 or 848Y valves may have different safety related functions that could be affected by this type of failure.

These valves would have been manufactured and shipped from our Sulphur Springs, Texas facility until 1987, when it was then transferred to our Raleigh, North Carolina facility. The old design valves were then manufactured at our Raleigh facility from 1987 through late 1992, when the current Figure A848 or A848Y design transition was finalized. These valves may have manufacturer's nameplates identified with "Rockwell", "Rockwell Edward" or "Edward".

The current design Flowserve Figure **A848** or **A848Y** valves manufactured in Raleigh, NC are not affected by this notice as the disk nut was eliminated and the disk is now secured to the stem using a Stellite retaining wire configuration.

In summary there is no impact if the valve nameplate indicates a model that includes an "A" prefix (A848 or A848Y) signifying the current design configuration.

Due to the volume, age and relocation of this product, we can not identify the specific utilities that may potentially be affected, as such we are providing this general notice for information to all utilities. Per the attached notice we would encourage that any of the old design Figure 848 or 848Y valves be inspected for proper operation for safety related concerns. Should you find it necessary, replacement parts are available for a simple retrofit without removing the valve body from the installed application.

If you have any questions concerning this notification, please contact our customer service in Raleigh, NC at 800-225-6989 or your Flowserve Area Sales Manager.

A handwritten signature in black ink, appearing to read "Robert P. Sherman".

Robert P. Sherman
Manager, Inside Sales & Application Engineering

10CFR Part 21 - Nuclear Utility Contacts

Exelon Corporation
4300 Winfield Road
Warrenville, IL 60555
Attn: Ted Thygesen

NextEra Energy Seabrook, LLC
Seabrook Station
P.O. Box 300
Seabrook, NH 03874
Attn: Richard Swain

The Detroit Edison Company
Enrico Fermi Power Plant 2
6400 North Dixie Hwy
Newport, MI 48166
Attn: Pamela Key

Dominion Nuclear Ct., Inc.
Dominion
Rope Ferry Road
Waterford, CT 06385
Attn: Kim Swaney

PSEG Nuclear LLC
P.O. Box 236
Hancocks Bridge, NJ 08038
Attn: Frank Smith

Indiana Michigan Power Company
Donald C. Cook Nuclear Plant
9970 Red Arrow Highway
Bridgman, MI 49106
Attn: John Moline

First Energy
Perry Nuclear Power Plant
10 Center Road
Perry, OH 44081
Attn: Pam Ensell

Davis Besse Nuclear Power Plant
5501 N. State Route 2
Oak Harbor, OH 43449
Attn: Darlene Paul

First Energy
Beaver Valley Power Station
Route 168
Shippingport, PA 15077
Attn: Betsy Schoeneman
Eileen Rizzo

PPL Susquehanna LLC
769 Salem Boulevard
Berwick, PA 18603-0467
Attn: Clem Perluka

Constellation Energy Group (CEG)
Calvert Cliffs Nuclear Power Plant
1650 Calvert Cliffs Parkway
Lusby, MD 20657-4702
Attn: William M. Hill
Wayne Carroll

Constellation Energy Group (CEG)
Nine Mile Point Nuclear Station
348 Lake Road
Oswego, NY 13126
Attn: Michael Flood
Holly Beall

Constellation Energy Group (CEG)
R.E. Ginna Nuclear Power Plant
1503 Lake Road
Ontario, NY 14519
Attn: James Martin
Joseph Prytyskach

Entergy Nuclear Vermont Yankee, LLC
320 Governor Hunt Road
Vernon, VT 05354
Attn: Patty Thayer

Entergy Nuclear Fitzpatrick, LLC
277 Lake Road
Oswego, NY 13126
Attn: Pat Larson

Entergy Nuclear Operations, Inc.
Indian Point Energy Center
450 Broadway
Buchanan, NY 10511
Attn: Ken Bailey
Michael Cook

Entergy Nuclear Generation Co.
Pilgrim Nuclear Power Station
600 Rocky Hill Road
Plymouth, MA 02360
Attn: Deborah Martin

Palisades Nuclear Power Plant
27780 Blue Star Memorial
Covert, MI 49043
Attn: John Kasishke
George Kelly

FPL Nuclear Assurance Department, JNA/JB
700 Universe Blvd
Juno Beach, FL 33408
Attn: Manager Performance Assessment

Duke Energy Carolinas, LLC
Nuclear Performance & Strategy Division
Mail Code EC05N
PO Box 1006
Charlotte, NC 28201-1006
Attn: Manager Performance Improvement

Dominion Resources Services, Inc.
Innsbrook Technical Center
5000 Dominion Blvd
Glen Allen, VA 23060
Attn: Director , Nuclear Licensing & Operations Support

Entergy Operations, Inc.
M-ECH-595
P. O. Box 31995
Jackson, MS 39286-1995
Attn: Manager, Operating Experience

Southern Nuclear Operating Company
P. O. Box 1295
Birmingham, AL 35201
Attn: Licensing Manager

Southern Nuclear Operating Company
Hatch Electric Generating Plant
11028 Hatch Parkway North
Baxley, GA 31513
Attn: Plant Supply Chain Superintendent

Vogtle Electric Generating Plant
7821 River Road
Waynesboro, GA 30830
Attn: Plant Supply Chain Superintendent

Southern Nuclear Operating Company
Farley Nuclear Plant
P. O. Drawer 470
Ashford, AL 36212
Attn: Plant Supply Chain Superintendent

TVA
1101 Market Street
Chatanooga, TN 37402
Attn: Mr. Ron J. Bruno - Licensing Office

Progress Energy
Harris Nuclear Plant
State Road 1134, Box 165
New Hill, NC 27562
Attn: Site Vice President

Progress Energy
Harris Nuclear Plant
State Road 1134, Box 165
New Hill, NC 27562
Attn: Site Supv-Lic/Reg Prog

Progress Energy
Brunswick Nuclear Plant
NC Hwy 87, Box 10429
Southport, NC 28461
Attn: Site Vice President

Progress Energy
Brunswick Nuclear Plant
NC Hwy 87, Box 10429
Southport, NC 28461
Attn: Site Supv-Lic/Reg Prog

Progress Energy
Robinson Nuclear Plant
SC Hwy. 151 & 23, Box 790
Hartsville, SC 29550
Attn: Site Vice President

Progress Energy
Robinson Nuclear Plant
SC Hwy. 151 & 23, Box 790
Hartsville, SC 29550
Attn: Site Supv-Lic/Reg Prog

Progress Energy
Crystal River 3 Nuclear Plant
15760 W Power Line St.
Crystal River, FL 34428
Attn: Site Vice President

Progress Energy
Crystal River 3 Nuclear Plant
15760 W Power Line St.
Crystal River, FL 34428
Attn: Site Supv-Lic/Reg Prog

APS Palo Verde
5801 South Wintersburg Road
Tonopah, AZ 85354
Attn: Phillip Smyth

Edison SONGS
14300 Mesa Road
San Clemente, CA 92672
Attn: Cheryl Downe

Energy Northwest
Columbia Generating Station
Snake River Warehouse Complex
76 North Power Plan Loop
Richland, WA 99354
Attn: Michael J. Woodruff

Pacific Gas Electric company
Diablo Canyon Power Plant
9 Mi. Northwest of Avila Beach
Avila Beach, CA 93424
Attn: Thomas J. Head

FPL – Point Beach
6610 nuclear Road
Two Rivers, WI 54241-9516
Attn: Denise Schmidt

FPL – Duane Arnold
3277 DAEC Road
Palo, IA 52324
Attn: Pat Phipps

Dominion Energy Kewaunee
N490 Highway 42
Kewaunee, WI 54216
Attn: Carol Torgersen

Xcel Energy-Monicello
2807 West County Road 75
Monticello, MN 55362-9637
Attn: Vicki Bestgen

Xcel Energy-Prairie Island
1717 Wakonade Drive, East
Welch, MN 55089-9642
Attn: Rhonda J. Beck

Luminant Generation Co LLc
Comanche Peak
6322 North FM 56
Glen Rose, TX 76043
Attn: Michael Ware

Omaha Public Power District
Fort Calhoun Station
FC 1-5 PO Box 550
Fort Calhoun, NE 68023
Attn: Jay Costello

Union Electric Company
Accounts Payable
d/b/a Ameren UE
PO Box 66892
St. Louis, MO 63166-6892
Attn: Lewis (Will) Armstrong

NPPD
Cooper Nuclear Station
72676 648A Avenue
Brownville, NE 68321
Attn: Kim Perry

South Texas Project Nuclear Operating Company
PO Box 289
8 Mi. West of Wadsworth on FM 521
Wadsworth, TX 77483
Attn: Madelyn M. Ressler

Wolf Creek Nuclear Operating Company
PO Box 411
1550 Oxen Lane, NE
Burlington, NS 66839
Attn: Betty Saylor