

March 11, 1994

U.S. Nuclear Regulatory Commission
Att'n: Document Control Desk
Washington, D.C. 20555

Subject: Notification Concerning Xomox Tufline Sleeved Plug Valves

Dear Sir:

Xomox Corporation is a manufacturer and supplier of valves to a large number of industrial customers including nuclear plants. The majority of the valves supplied to nuclear plants are used in radwaste service. One line of our valves, Tufline®, have Ultra High Molecular Weight Polyethylene (UHMWPE) seals available due to the good resistance of this material to radiation degradation.

Xomox has recently become aware that some Tufline® valves may have been supplied with Low Density Polyethylene (LDPE) instead of the UHMWPE for the diaphragm seals. Also, potentially affected are parts orders for replacement diaphragm seals. LDPE material has a lower temperature limit and possibly lower radiation limits based on our research.

Xomox is identifying and notifying all customers who may have purchased the valves. A copy of a notification letter is attached.

Customers may have purchased these valves as commercial grade items or may not be using them as basic components. However, Xomox is not in a position to evaluate the specific application and service conditions of each of these valves to determine whether the use of LDPE could create a substantial safety hazard. Our notification letter to the customers informs them of this fact so that they may evaluate the application and

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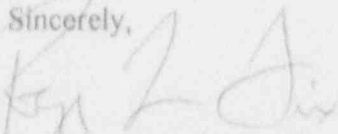
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operating conditions. Upon request we will provide our customers with replacement seals and will respond to any other customer requests for further information to the extent that we are able.

Should you have any questions, please contact Thomas F. Spock, Jr. Product Safety Officer/V.P. Technology, at (513) 745-6038.

Sincerely,

A handwritten signature in cursive script, appearing to read "Roger Fix".

Roger Fix
President

March 11, 1994

«Address»

Subject: Notification Concerning Xomox Tufline Sleeved Plug Valves

Dear Customer:

Your company may have purchased Tufline® sleeved plug valves from Xomox or Atwood & Morrill Co.. Xomox has recently become aware that some diaphragm seals for Tufline valves shipped between 1982 and 1993 may have been supplied with lower density polyethylene than was intended. Orders for replacement diaphragm seals may also have been affected.

Nuclear service valves were generally supplied with Ultra High Molecular Weight Polyethylene (UHMWPE) seals. We have determined, however, that some valves were shipped with Low Density Polyethylene (LDPE) seals. The two materials look very much alike. To ensure you have the correct material in your valves, we will provide replacement seals of UHMWPE to all customers with Tufline valves. These replacements are being procured and will be available for immediate shipment shortly. In the meantime, because we are unable to assess the impact this may have on your particular application of this product, we are notifying you of the possible deviation in order that you may conduct any evaluation you deem appropriate in accordance with the terms of 10CFR Part 21. We are also notifying the NRC of this situation by letter, a copy of which is enclosed for your information.

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To assist you with your evaluation, we can provide the following additional information:

1. The valves affected are Xomox Tuflin sleeved plug valve models: 067,066,0366, 0666, 166, 136, 1366, 1666, 096, 0396, 0696, 0367, 0667, 037, 0337, 0637, 9037.
2. Seals on these identified valves may have reduced temperature capability and possibly reduced radiation resistance if they are LDPE material rather than UHMWPE. The valve seals may shrink and leak if subjected to conditions exceeding the limits of the LDPE material. A diagram is enclosed to help you identify the seal in question. To date, we have received no reports from customers of any actual leakage or other application problems.

Xomox recommends that customers thoroughly review the identified products delivered to their plant sites as they relate to this information. The customer then should make a determination of the safety considerations for their specific application. After your review please contact Jamie Davidson, (513) 745-6017 to arrange shipment of replacement seals.

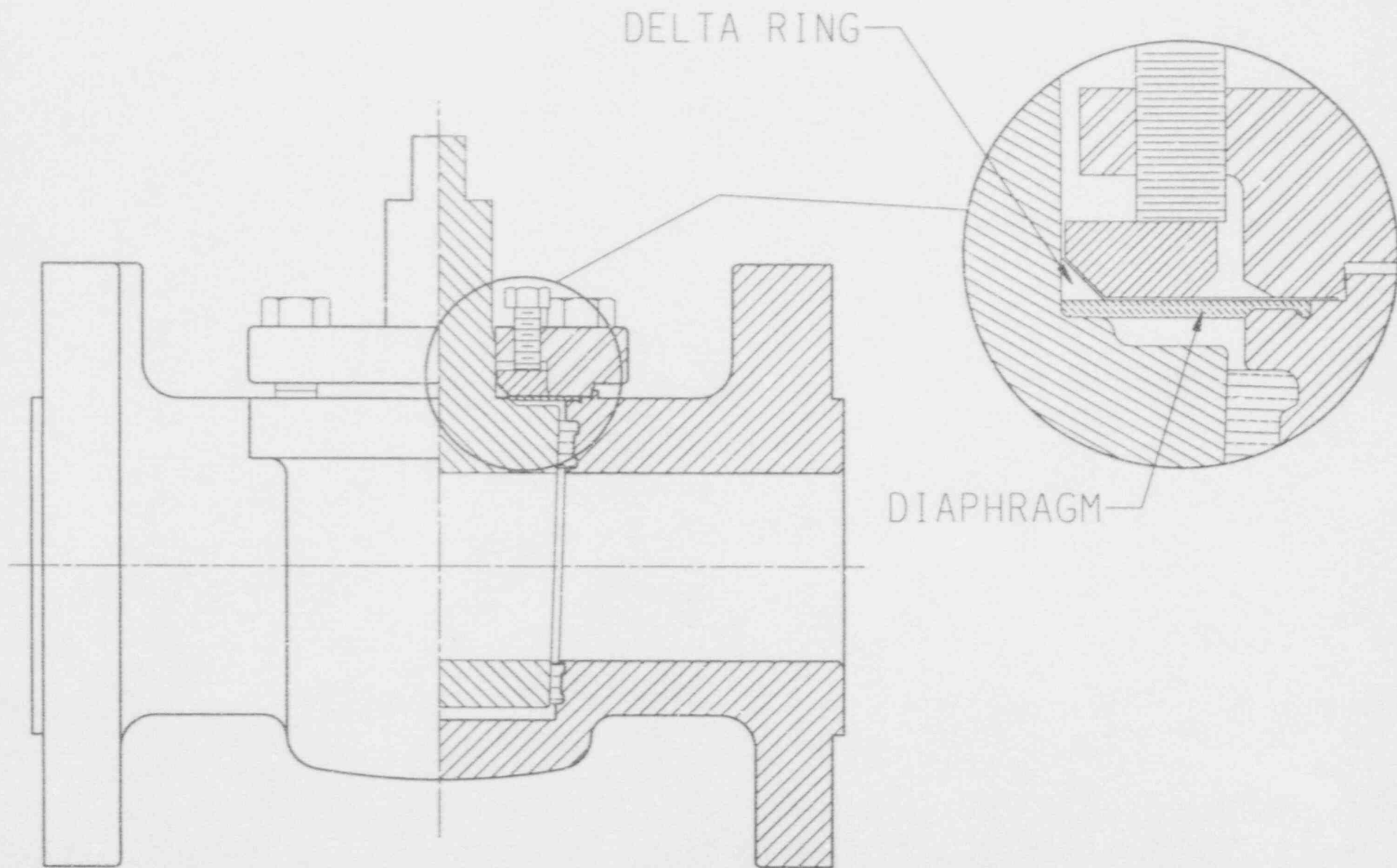
If you resold or transferred this product to another entity, then please forward a copy of this notification to them or provide this information to Xomox and we will contact them.

Xomox has a strong commitment to the nuclear industry and wants to assure you that we are dedicated to supplying quality products and services to our customers. Please contact Tom Spock, (513) 745-6038, or Jamie Davidson, (513) 745-6017, should you have questions on this issue.

Sincerely,

Xomox Corporation
Roger Fix
President

XOMOX-TUFLINE SLEEVED PLUG VALVE TOP SEAL



Mr. Robert E Busto or Mr. Jeff Hunt
Arizona Public Service Co.
Palo Verde Nuclear Generating Station
PO Box 52034
Phoenix, AZ 85072-2034

Safety Officer
Baltimore Gas & Electric Co.
Calvert Cliffs Nuclear Plant
1650 Calvert Cliff Parkway
Lusby, MD 20657-4702

Mr. Jeff Keene
Boston Edison Co.
25 Braintree
Hill Park
Braintree, MA 02184

Mr. Ray Hanford
Carolina Power & Light Co.
P.O. Box 1551
Raleigh, NC 27602

Mr. Byron Todd, Mail Zone W-350
Cleveland Electric Illuminating Co.
Perry Nuclear Plant
10 Center Road
N Perry, OH 44081

Mr. R D Bishop
Production Services Manager
Commonwealth Edison Co.
1400 Opus Place
Downers Grove, IL 60515

Mr. J P Stetz
Station Director
Connecticut Yankee Atomic Power Co.
RR1, PO Box 127E
E Hampton, CT 06424

Mr. Charles J Jurkin, Jr.
VP Engineering
Consolidated Edison Co. of New York
4 Irving Place
New York, NY 10003

Mr. David P Hoffman
VP Nuclear
Consumers Power Co.
1945 West Parnall Road
Jackson, MI 49201

Mr. James D Alderink, IE&A Dept
Consumers Power Co.
Palisades Nuclear Plant
27780 Blue Star Memorial Highway
Covert, MI 49043-9530

Safety Officer
ETS, 290 TAC
Detroit Edison Co., Fermi 2
6400 N Dixie Highway
Newport, MI 48166

Mr. W M Sample
Manager Safety Assurance
Duke Power Co.
PO Box 1006
Charlotte, NC 28201-1006

Mr. Nelson R Tonet
Manager Nuclear Safety
Duquesne Light Co.
Beaver Valley Nuclear Plant
PO Box 4
Shippingport, PA 15077

Corporate Purchasing Manager
Entergy Operations Inc
PO Box 31995
Jackson, Mississippi 39286-1995

Mr. Terry L Steele
Purchasing Manager
Florida Power Corp.
PO Box 219
Crystal River, FL 32623-0219

Mr. Robert Symes
Manager QA, Nuclear Division
FPL Group Inc
700 Universe Boulevard
Juno Beach, FL 33408-0420

J C ForniCola
Licensing & Regulatory Affairs Director
GPU Nuclear Corp.
One Upper Pond Road
Parsippany, NJ 07054

Mr. Tony Castello
GPU Nuclear Corp.
Oyster Creek Nuclear Plant
PO Box 388
Forked River, NJ 08731

Mr. Thomas J Jordan
General Manager, Nuclear Engineering
Houston Lighting & Power Co.
PO Box 289
Wadsworth, TX 77483

Mr. M M Kahn
Illinois Power Co.
Clinton Nuclear Station
PO Box 678
Clinton, IL 61727

Mr. Ron Habel
Maintenance Department
Indiana Michigan Power Co.
Cook Nuclear Plant
1 Cook Place
Bridgman, MI 49106

Mr. L Sueper
Iowa Electric Light & Power Co.
Duane Arnold Energy Center
PO Box 351
Cedar Rapids, IA 52406

Mr. Robert R Lawton
Manager, Operational Support Dept
Maine Yankee Atomic Power Co.
PO Box 408
Wicasset, ME 04578

Mr. Guy Horn
Nuclear Power Group Manager
Nebraska Public Power District
P.O. Box 499
Columbus, NE 68602-0499

Mr. John Gray, Director - BWR Licensing
New York Power Authority
123 Main Street
White Plains, NY 10601

Mr. Peter Kokalakis
Director - PWR Licensing
New York Power Authority
123 Main Street
White Plains, NY 10601

Mr. Tim Lee
Niagara Mohawk Power Corp.
Nine Mile Point 1
PO Box 32
LyComing, NY 13093

Mr. Michael Jones
Niagara Mohawk Power Corp.
Nine Mile Point 2
PO Box 32
LyComing, NY 13093

Mr. Eliot Abolafia, W221
Northeast Utilities Service Co.
Nuclear Operations
PO Box 270
Hartford, CT 06141-0270

Mr. Ken Beadell
Business Planning and Critical Issues
Northern States Power Co.
414 Nicollet Mall
Minneapolis, MN 55401

Mr. Sudesh K Gambir
Division Manager - Prod Eng.
Omaha Public Power District
444 S 16th St Mall - 7 E/EP-1
Omaha, NE 68102-2247

Mr. Bob Waltos
Senior Power Engineer
Pacific Gas & Electric Co.
Diablo Canyon Nuclear Station
PO Box 56
Avila Beach, CA 93424

Mr. Michael H Rose
Sr Project Engineer - Nuclear
Pennsylvania Power & Light Co.
Two North Nine Street
Allentown, PA 18101-1179

Mr. Kenneth Lee
OEAP Coordinator
c/o Correspondent Control Desk (61B-3)
Philadelphia Electric Co.
965 Chesterbrook Blvd
Wayne, PA 19087

Mr. Jack Seibel
Portland General Electric Co.
Trojan Nuclear Power Plant
71760 Columbia River Highway
Rainier, OR 97048

Mr. David Perkins
QA Engineering
Public Service Electric & Gas Co.
PO Box 236
Mail Code N14
HanCocks Bridge, NJ 08038

Mr. M P Lilley
Manager Nuclear Assurance
Rochester Gas & Electric Corp.
89 East Avenue
Rochester, NY 14649-0001

Mr. Donald Conrad
South Carolina Electric & Gas
Virgil C Summer Station
PO Box 88
Jenkinsville, SC 29065

Mr. Bill Strom
Southern California Edison Co.
PO Box 128
San Clemente, CA 92672

Mr. B K McLeod
Southern Nuclear Operating Co.
PO Box 1295
Birmingham, AL 35201-1295

Mr. David M Varner
Manager, Materials Services
Southern Nuclear Operating Co.
PO Box 1295
Birmingham, AL 35201-1295

Mr. M J Fecht, Manager
Nuclear Experience Review/ISE
Tennessee Valley Authority
1101 Market Street
Chattanooga, TN 37402

Mr. Carl Corbin
Texas Utilities Co.
2001 Bryan Tower
Dallas, TX 75201

Mr. Duersken J Reimer
Texas Utilities Co.
Commanche Peak Steam Electric Station
PO Box 2300
Glen Rose, TX 76043

Frank Turski
Toledo Edison Co.
Davis Besse 1
Oak Harbor, OH 43449

Mr. Donald F Schnell
Union Electric Co.
PO Box 149
1901 Chouteau Avenue
St Louis, MO 63103

Mr. J Gary Weigand
Vermont Yankee Power Corp.
RD 5 Box 169
Old Ferry Road
Brattleboro, VT 05301

Mr. Bill Ratlaff
Virginia Power
PO Box 26666
One James River Plaza
Richmond, VA 23261

Mr. Bernie Nowack
Washington Public Power System
WNP 2
PO Box 968
Richland, WA 99352

Mr. Greg G Maxfield
Wisconsin Electric Power Co.
Point Beach Nuclear Plant
6610 Nuclear Road
Two Rivers, WI 54241

Mr. David L Masarik
Wisconsin Public Service Corp.
Kewaunee Nuclear Power Plant
North 490, Hwy 42
Kewaunee, WI 54216-9510

Ms. Anita M Edwards
Wolf Creek Nuclear Operating Corp.
Wolf Creek 1
PO Box 411
Burlington, KS 66839