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 HINTZ, D.C. Wisconsin Public Service Corp.
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SUBJECT: Forwards response to NRC Bulletin 87-002, Suppl 1, "Fastener Testing to Determine Conformance W/Applicable Matl...."

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 TITLE: 87-02 & 87-02 Supplement, Fastener Testing to Determine Conformance w/

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WISCONSIN PUBLIC SERVICE CORPORATION

600 North Adams • P.O. Box 19002 • Green Bay, WI 54307-9002

July 27, 1988

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

Docket 50-305
Operating License DPR-43
Kewaunee Nuclear Power Plant
Response to NRC Bulletin 87-02, Supplement 1

NRC Bulletin No. 87-02 Supplement 1 entitled "Fastener Testing to Determine Conformance With Applicable Material Specifications" was transmitted to Wisconsin Public Service Corporation (WPSC) by letter dated April 22, 1988. Clarification in the form of Supplement 2 to the Bulletin was transmitted to WPSC on June 10, 1988.

The subject bulletin requested information regarding the identity of vendors from which safety-related fasteners have been purchased over the past 10 years and non-safety-related over the past five years for the Kewaunee Nuclear Power Plant.

To comply with this request WPSC personnel reviewed the manufacturers listed on the computerized stock code inventory system under the bolts, screws, and studs sub-files. From this review a list of 77 potential manufacturers or vendors were identified. For each potential candidate a complete review was performed of all the purchase orders received from that supplier since June 1978. When an order for bolts, studs, screws or nuts was found the purchase order number, vendor name and address, sub-tier supplier (if identified), ASTM or SAE type (if identified) and QA type were recorded. This work effort was initiated prior to receipt of Supplement 2. The information attached to this response provides a list of suppliers and manufacturers, with their address, and sub-tier suppliers when they were identified.

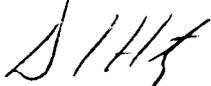
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As stated in Supplement 2, the actions described above account our "best effort" to fulfill that request for information. The review captured a majority of the fasteners purchased over the past 10 years. There are, however, some cases in which a fastener could have been supplied yet not identified. For example, non-safety related bolts purchased for bulk inventory and not cross referenced to a vendor in the computerized stock code listings may not have been identified. In addition, there are other cases where safety-related or non-safety related fasteners are purchased as a spare part for another component. For example, if a cap screw is ordered for a specific valve, the purchase order could be written as; part number XYZ for valve model ABC. Without reviewing every single purchase order written for the Kewaunee Nuclear Power Plant since June 1978 and cross checking them against manufacturers spare parts listings, WPSC cannot unequivocally state that the purchase of each and every fastener has been accounted for.

If you have any questions concerning this issue, please contact me or a member of my staff.

Sincerely,



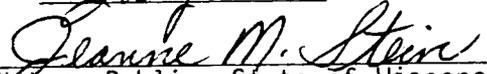
D. C. Hintz
Vice President-Nuclear Power

Attach.

SLB/jms

cc - Mr. Robert L. Nelson, US NRC
Mr. A. B. Davis - US NRC, Region III

Subscribed and Sworn to
Before Me This 27th Day
of July 1988


Notary Public, State of Wisconsin

My Commission Expires:
June 23, 1991

Attachment I

Letter From D. C. Hintz To Document Control Desk

Dated

July 27, 1988

Response to NRC Bulletin 87-02, Supplement 1:

Fastener Testing to Determine Conformance With
Applicable Material Specifications

Response to NRC Bulletin 87-02:
"Fastener Testing To Determine Conformance With
Applicable Material Specifications"

Vendor - Name & Address	Safety/Non-Safety Fasteners	Potential Sub-Tier Suppliers as Referenced on KNPP Receiving Reports
Anchor Darling Valve Co. 701 1st Street P.O. Box 3428 Williamsport, PA 17701	Non-Safety	Republic Steel Corporation P.O. Box 94538 Cleveland, OH 44101
Bryon Jackson Pump Div. Borg-Warner Corp. P.O. Box 177 Elgin, IL 60120	Safety and Non-Safety	N/A
Bryon Jackson Pump Div. 8410 W. Byrnmawr Ave. Suite 575 Chicago, IL 60631		
Calvert Company 19851 Ingersoll Drive Rocky River, OH 44116	Non-Safety	N/A
Carry Co. 1555 Wrightwood Ct. Addison, IL 60101	Non-Safety	N/A

Vendor - Name & Address	Safety/Non-Safety Fasteners	Potential Sub-Tier Suppliers as Referenced on KNPP Receiving Reports
Chicago Tube & Iron 6030 N. 6th St. P.O. Box 18069 Milwaukee, WI 53218-0069	Safety and Non-Safety	Kilbourn Engineering Company 9226 West Flagg Avenue Milwaukee, WI 53225
Chicago Tube & Iron 2531 W. 48th St. Chicago, IL 60632		Hackensack Bolt & Nut Co., Inc. P.O. Box 712 Hackensack, NJ 07602
Chicago Tube & Iron P.O. Box 1193 Milwaukee, WI 53218		Cardinal Industrial Products - L.V. 3873 West Oquendo Rd. Las Vegas, NV 89119-3098
Combustion Engineering, Inc. 2100 Clearwater Drive Oak Brook, IL 60521	Non-Safety	N/A
Copes-Vulcan Inc. Martin & Rice Ave. P.O. Box 577 Lake City, PA 16423	Safety	N/A
Crane Co. Chempump Div. 4100 S. Kedize Ave. Chicago, IL 60632	Safety and Non-Safety	N/A
Crane Co. 475 N. Gary Ave. Carol Stream, IL 60187		
Crane Co. Chempump Div. Warrington Industrial Park 175 Titus Ave. Warrington, PA 18976		

Vendor - Name & Address	Safety/Non-Safety Fasteners	Potential Sub-Tier Suppliers as Referenced on KNPP Receiving Reports
Crosby Valve & Gauge Co. 43 Kendrick Street Wrentham, MA 02093	Safety and Non-Safety	N/A
Dresser Industries, Inc. P.O. Box 1430 Alexandria, IL 71301	Non-Safety	N/A
Endries Fastener & Supply Inc. Hwy 10W P.O. Box 72 Brillion, WI 54110	Safety and Non-Safety	N/A
Endries Fastener & Supply Inc. Hwy 10W P.O. Box 69 Brillion, WI 54110		
Energy Steel & Supply Co. 1681 W. Hamlin Road Rochester, MI 48063-5207	Safety and Non-Safety	Nova Machine Products Corp. P.O. Box 30287 Middlesburg Heights, OH 44130
Energy Steel & Supply Co. 2715 Paldan Drive Auburn Hills, MI 48057		Texas Bolt Company P.O. Box 1211 Houston, TX 77251-1211
Republic Steel Mayfair Bank Tower, Suite 680 2300 No. Mayfair Rd. Wauwatosa, WI 53226		Precision Nuclear Products, Inc. 2105 Donley Drive, Suite 104 Austin, TX 78758

Vendor - Name & Address	Safety/Non-Safety Fasteners	Potential Sub-Tier Suppliers as Referenced on KNPP Receiving Reports
Fastenal Co. 1018 S. Broadway Green Bay, WI 54304	Non-Safety	N/A
Fastenal Co. 1105 Grand Ave. Schofield, WI 54476		
Hilti Fastening Systems P.O. Box 634 Green Bay, WI 54301	Safety and Non-Safety	N/A
Hilti Fastening Systems 416 Cooks Ave. Green Bay, WI 54301		
Hydro-Electro Equipment, Inc. N112 W18810 Mequon Rd. P.O. Box 188 Germantown, WI 53022	Non-Safety	N/A
Ingersoll-Rand Co. 888 Industrial Drive Elmhurst, IL 60126	Safety and Non-Safety	N/A
ITT Grinnell P.O. Box 2064 Milwaukee, WI 53021	Safety and Non-Safety	N/A
ITT Grinnell 1819 W. St. Paul Ave. Milwaukee, WI 53233		
ITT Grinnell 33 Centerville Rd. Lancaster, PA 17603		

Vendor - Name & Address	Safety/Non-Safety Fasteners	Potential Sub-Tier Suppliers as Referenced on KNPP Receiving Reports
Kilbourn Engineering Co. Inc. 9226 W. Flagg Avenue P.O. Box 25344 Milwaukee, WI 53225	Safety and Non-Safety	N/A
Leads & Northrup 2929 N. Mayfair Rd. Milwaukee, WI 53222	Non-Safety	N/A
Leads & Northrup 21005 W. Watertown Rd. Suite C Waukesha, WI 53186		
Rockford Aerospace 17300 Red Hill Avenue Santa Anna, CA 92750	Non-Safety	N/A
Rockwell International Flow Control Div. 1-S-132 Summit Avenue Oakbrook Terrace, IL 60181	Non-Safety	N/A
Velan Valve Corp. 2125 Ward Ave. Montreal, Canada 378P.Q.	Safety and Non-Safety	N/A
Velan Valve Corp. Ave. "C" Griswold Industrial Park Willingston, VT 05495		
W.D. Ehrke Equipment Corp. 7127 N. Green Bay Rd. Milwaukee, WI 53029	Safety and Non-Safety	Fisher Service Company Mansfield Industrial Parkway P.O. Box 1405 Mansfield, OH 44901
Western Engine Company 750 Route 53 Itasca, IL 60143	Safety	N/A

Vendor - Name & Address	Safety/Non-Safety Fasteners	Potential Sub-Tier Suppliers as Referenced on KNPP Receiving Reports
Westinghouse Electric Corp. 105 Bishops Way P.O. Box 1000 Elm Grove, WI 53122	Safety and Non-Safety	Shur-Kut Supply Corp. 241 Woodward Avenue P.O. Box 119 Morton, PA 19023 Coast Industrial Supply Co., Inc. 4494 East 49th Street Los Angeles, CA 90058 Fastener Specialties Manufacturing P.O. Box 3575 Lantana, Fl 33465-3575 J.G. Mundy Machine Co. 1224 Macbade Blvd. Collingdale, PA 19023 Kilbourn Engineering Company, Inc. 9226 West Flagg Avenue Milwaukee, WI 53225 The Gage Company P.O. Box 1168 Pittsburgh, PA 15230
William Powell Co. 2503 Spring Groove Ave. P.O. Box 14006 Cincinnati, OH 45214	Safety and Non-Safety	N/A
William Powell Co. Oakbrook North Bldg., Suite 711 1200 Hanger Rd. Oak Brook, IL 60521		
Wisconsin Bearing Company 708 Lombardi Avenue P.O. Box 1543 Green Bay, WI 54305	Non-Safety	N/A