CRANE NUCLEAR

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CRANE NUCLEAR, INC. 860 REMINGTON BLVD. BOLINGBROOK, IL 60440

March 25, 2010

US Nuclear Regulatory Commission
Washington, DC 20555-0001

Attention: Document Control Desk

Subject: 10CFR21 Notification of a Potential Weld Defect

Reference: Undocumented Inspection of Welds

Dear Sir or Madam:

Crane Nuclear, Inc. has become aware of a deficient fillet weld that was identified by a customer and the subsequent review by Crane of all weld records revealed that the inspection of some leak off pipes / vent was not documented.

Crane Nuclear, Inc. has reviewed design and manufacturing records for all orders which had this type of weld. From this review we have determined that only a small number of orders did not have proper documentation of the weld inspection to support design compliance. Crane has sent 10CFR21 notification letters on this issue to the following customers:

Customer/PO NUMBER	CRANE NUCLEAR INC. SALES ORDER	DRAWING	DESCRIPTION OF PART AFFECTED	FILLET WELD SIZE
Dominion Energy 45668430	35197	CD04938	2 - Bonnet Assemblies	3/16"
Dominion Energy 45655828	34824	CC04864	2 - Covers	1/4"
Duke Energy ON 41905	11911	CA02633	6 - Valves	3/16"
Duke Energy 00091378	31377	CC04426	1 - Valve	1/8"
Omaha Public Power District 00065142	22929	CD03130	3 - Valves	1/8"
Omaha Public Power District 00074717	24934	CD03130	2 – Valves	1/8"
TVA Nuclear 00031943	31982	CD04407	1 – Valve	3/16"

Crane has also identified that a foreign utility was affected by this same issue and they have also been notified of this potential defect / failure to document inspection of welds.

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Crane has recommended that the owners perform an inspection of the weld to determine its compliance to the design requirement for the fillet weld sizes identified above. Crane is interested in correcting our records and we have asked that the utility to provide information relative to inspections performed.

Crane has submitted via overnight mail a letter to each of the affected customers including the utility that notified Crane initially of the potentially deficient weld.

The immediate corrective measures taken to preclude recurrence of this deficiency was to verbally discuss this issue with all quality assurance, quality inspection and engineering personnel and a more formal process is underway through our corrective action program to prevent recurrence.

If you have any questions please contact me at one of the following, phone 630-226-4940, email rnava@cranevs.com, or by fax 630-226-4646.

Sincerely,

CRANE Nuclear, Inc.

Rosalie Nava

Rosalie Nava
Director Safety and Quality

Enclosures: 10CFR21 Notification Letters dated 03/25/09 to Dominion, Duke Energy, OPPD and TVA Nuclear