

Ring, Mark

From: DiFrancesco, Nicholas
Sent: Tuesday, August 14, 2012 7:49 AM
To: McGhee, James; Cushman, Brian
Cc: Ring, Mark
Subject: Quad Cities 2 - RPV Manufacturing
Attachments: QDC UFSAR Rev 11 Section 5.3.1.2.pdf; 1 Quad Cities II Manufacturing History .pdf; Potential problem on the reactor pressure vessel (RPV) of the Belgian Doel 3 NPP; Doel 3 - RPV preliminary IRS report_final.docx; ACTION: Followup of list of NPPs with RPVs forged by Rotterdam Dockyards (RDM)

Importance: High

Jim and Brian,

A email chain for your awareness regarding the Quad Cities 2 RPV manufacturing. NRR management polled licensees yesterday to locate RPVs built by Rotterdam Dockyards.

The concern with Doel 3 seemed to be more related to forgings.

Regards,

Nick

Project Manager - LaSalle and Power Uprate Program (Backup for Quad Cities)
U.S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Division of Operating Reactor Licensing
nicholas.difrancesco@nrc.gov | Tel: (301) 415-1115

From: DiFrancesco, Nicholas
Sent: Monday, August 13, 2012 2:49 PM
To: Meighan, Sean
Cc: Dudek, Michael
Subject: Completed: Quad Cities 1 - RPV Forging
Importance: High

Sean,

This completes the request for information. Quad Cities 2 is listed in NUREG-1511 Supplement 1 as partially manufactured by Rotterdam (and not Quad Cities 1 – listed in the original request).

Thanks,
Nick

From: Mitchel.Mathews@exeloncorp.com [<mailto: Mitchel.Mathews@exeloncorp.com>]
Sent: Monday, August 13, 2012 2:27 PM
To: DiFrancesco, Nicholas; David.Gullott@exeloncorp.com
Cc: Mozafari, Brenda; joseph.bauer@exeloncorp.com; Dudek, Michael; Wally.Beck@exeloncorp.com; glen.kaegi@exeloncorp.com
Subject: RE: Inquiry: Quad Cities 1 - RPV Forging
Importance: High

C/51

Nick,

According to the attached Quad Cities UFSAR Section 5.3.1.2 and Manufacturing History, the Quad Cities, Unit 1 RPV was manufactured entirely by Babcock & Wilcox. The Unit 2 RPV history did not include any forging at Rotterdam (RDM), but did include assembly and welding on portions of the RPV at RDM.

Please let me know if you have additional questions or concerns.

Regards,

Mitch

Mitchel Mathews
Sr. Regulatory Engineer
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From: DiFrancesco, Nicholas [<mailto:Nicholas.DiFrancesco@nrc.gov>]
Sent: Monday, August 13, 2012 11:17 AM
To: Gullott, David M.:(GenCo-Nuc); Mathews, Mitchel:(GenCo-Nuc)
Cc: Mozafari, Brenda; Bauer, Joseph A.:(GenCo-Nuc); Dudek, Michael
Subject: Inquiry: Quad Cities 1 - RPV Forging

David, Mitch,

Please verify whether Quad Cities Unit 1 Reactor Pressure Vessel was forged by Rotterdam Droogdok Maatschappij (also referred to as Rotterdam Dockyards or RDM). The RPV forgings may have been welded together by another company such as B&W. NRC is interested in who forged the parts.

Attached documents contain information related to the problem and technical concern.

Please provide a response COB today.

Sincerely,

Nick

Project Manager - LaSalle and Power Uprate Program
U.S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Division of Operating Reactor Licensing
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