From: Brett Rini
Sent: Wednesday, November 26, 2008 9:06 AM
To: 'am@nei.org'
Cc: Jack Grobe; Bruce Boger; Jim Wiggins; Frederick Brown; Michael Cheok; Leslie Fields; John Thorp; Eric Thomas
Subject: Information on Control Rod Cracking Found at Swedish BWRs
Attachments: Swedish Control Rod Cracking Public Info.doc

Mr. Marion,

Per your November 14 request to Jack Grobe, NRR Associate Director for Engineering and Safety Systems, we are providing the attached information regarding the control rod cracking experienced at two Swedish Boiling Water Reactors (BWRs). The information was obtained from various public sources, some of which were translated from Swedish. In addition, there was some information in recent editions of Nucleonics Week. The dates and pages for those articles are provided in the attached. Some of the information in the attached has changed from when it was originally reported (e.g., the plants will be shut down longer than originally thought).

Please share with us any additional information that you are able to obtain from INPO, WANO, EPRI, or others regarding this event. We are working to determine the applicability of this issue to the US plants.

Thank you,

Brett Rini

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From: MARION, Alex [mailto:am@nei.org]
Sent: Friday, November 14, 2008 7:55 AM
To: Jack Grobe
Subject: Forsmark

FORSMARK MANAGEMENT SAID IT WILL TRY TO USE CONTROL RODS FROM THE CLOSED BARSEBAECK nuclear power plant to replace rods with broken and cracked shafts in
Forsmark-3. About 25% of the Swedish unit's 197 rods are cracked and at least one is broken. In a November 13 statement, Forsmark management said it wants to
use the Barsebaeck rods because it would be difficult to quickly order and install so many new rods. Forsmark-3, an Asea BWR, went online in 1985. Barsebaeck-1 and -2 are an earlier generation of the Asea BWR and were

permanently shut in 1999 and 2004, respectively, when Sweden was still planning
early phase-out of nuclear power. All three reactors are majority owned by Vattenfall.

Do you have any additional info on this??

Alex Marion
Executive Director, Nuclear Operations

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Subject: Information on Control Rod Cracking Found at Swedish BWRs
Sent Date: 11/28/2008 11:20:23 AM
Received Date: 11/26/2008 9:05:00 AM
From: Brett Rini

Created By: Brett.Rini@nrc.gov

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Files	Size	Date & Time
MESSAGE	57487	11/28/2008
Swedish Control Rod Cracking Public Info.doc	46586	

Options
Expiration Date:
Priority: olImportanceNormal
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Sensitivity: olNormal
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