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**From:** Khanna, Meena  
**To:** Khanna, Meena  
**Subject:** FW: IAEA Safety Report  
**Date:** Thursday, September 15, 2011 2:58:26 PM  
**Attachments:** IAEA Safety Report 66 Earthquake Preparedness and Resposne of NPPs.pdf

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-----Original Message-----

From: Khanna, Meena *MR*  
Sent: Sunday, September 11, 2011 8:53 PM  
To: Farzam, Farhad; Hoang, Dan; Tsigotis, Alexander; Jessup, William; Ulses, Anthony; McMurtray, Anthony; Dennig, Robert; Mendiola, Anthony; Pelton, David; Fairbanks, Carolyn; Lupold, Timothy; Mitchell, Matthew; Pham, Bo; Murphy, Martin; Casto, Greg  
Cc: Manoly, Kamal; Hiland, Patrick; Kulesa, Gloria; Martin, Robert; Wood, Kent; Clifford, Paul; Bedi, Gurjendra; Cheruvenki, Ganesh; Wilson, George; McCoy, Gerald; Franke, Mark; Giitter, Joseph  
Subject: IAEA Safety Report

R

Hi, here is an IAEA safety report that Annie from RES forwarded to us. It's a guidance document that was developed to capture lessons learned during the KKNPP reanalysis and restart activities. Specifically, Section 2.1.5 starting on page 14 addresses hidden damage. Figure 2 provides a flowchart. And, there are checklists in Chapter 5 - actions for restart. Table 2, has action level 5 (beyond SSE with no damage to safety related equipment).

Meena

-----Original Message-----

From: Kammerer, Annie *RES*  
Sent: Sunday, September 11, 2011 7:50 PM  
To: Khanna, Meena  
Cc: Karas, Rebecca; Munson, Clifford; Wilson, George  
Subject: RE: #2 Re: Non-destructive testing

No. Some are only in Japanese for now.

Attached is the IAEA safety report 66 that I was telling you about. This is a guidance document that was developed to capture lessons learned during the KKNPP reanalysis and restart activities. It calls out activities for beyond SSE loading, in addition to beyond OBE. The EPRI report was really only focused on loading beyond OBE, but not necessarily beyond SSE. The conventional wisdom before the NCO earthquake at KKNPP was that a plant that was loaded beyond the design basis would be too damaged to reopen. We see now from KKNPP and Virginia this is not the case due to margin in the plants.

I'm with several of the authors and industry reviewers of this IAEA document this week. I'm really with the A-team. It's a good time to ask questions that may come up.

Cheers,  
Annie

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From: Khanna, Meena  
Sent: Sunday, September 11, 2011 7:32 PM  
To: Kammerer, Annie  
Cc: Karas, Rebecca; Munson, Clifford; Wilson, George  
Subject: RE: #2 Re: Non-destructive testing

Thanks Annie, is there an English version, as this is in Japanese? Some of the other documents are in English, so those will be helpful..thanks again.

Meena

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