

Thompson, John

From: Bernardo, Robert *MR*
Sent: Wednesday, August 31, 2011 12:18 PM
To: Sigmon, Rebecca; NRR_DIRS_IOEB Distribution
Subject: RE: Info Request: Exceeding OBE/SSE

I did a search of LERs using "Earthquake". Found 133 LERs. Looking at the titles, it looks like they all were reporting problems with seismic analysis of the plant, except for 2 reports. The only reports I found that were actual earthquakes are from Humboldt Bay in 1992, a 7.1 magnitude earthquake with the epicenter approximately 30 miles from the plant site. There is no mention of INOP systems, nor any indication that they exceeded the SSE/DBE. I think it's probably safe to assume they exceeded the OBE, but since they were shutdown in SAFESTOR, don't think that applies. This was a voluntary LER, which reported on Units 1 & 2 (Fossil) and Unit 3 (SAFESTOR).

1331992001 04/25/1992 Humboldt Bay 3 SPENT FUEL POOL LINER GAP WATER LEVEL ABOVE LIMIT DUE TO EARTHQUAKE

1331992002 04/25/1992 Humboldt Bay 3 EFFECTS OF THE APRIL 25, 1992 CAPE MENDOCINO EARTHQUAKE AND AFTERSHOCKS ON THE HUMBOLDT BAY POWER PLANT

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From: Sigmon, Rebecca *MR*
Sent: Wednesday, August 31, 2011 11:48 AM
To: NRR_DIRS_IOEB Distribution
Subject: Info Request: Exceeding OBE/SSE
Importance: High

Somehow I got the phone call from Meena Khanna, but in the next couple hours they'd like to have a list of any plants that have exceeded either their Operating Basis Earthquake or their Safe Shutdown/Design Basis Earthquake (these two terms are apparently used interchangeably). Mark's got a feeling that we've jumped through this hoop before and is searching the G: drive. I'll take a look a ENs, I think we should also get a look at LERs, and I don't know, maybe NUREGs? UFSARs? This is for the chairman and OPA, needed as soon as possible. In an attempt at coordination, send me an email if you've got something handy or can take part in the search and I'll try to make sure there's no duplication of effort. Aside from the recent North Anna issue, EMCB is already aware of events at Perry and Summer which were apparently before they started operating. I'll collect any inputs and forward them on to her.

Rebecca

R

From: Khanna, Meena
Sent: Wednesday, August 31, 2011 11:36 AM
To: Sigmon, Rebecca
Cc: Wilson, George

E/O *(E)*

Subject: FW: Info Request re: North Anna and Earthquakes
Importance: High

Fyi..thanks so much for your help!

From: Bowman, Gregory | *EDO*
Sent: Wednesday, August 31, 2011 11:01 AM
To: Wilson, George; Khanna, Meena
Subject: FW: Info Request re: North Anna and Earthquakes
Importance: High

Release

George and Meena,

Bill Dean (who's acting for Marty this week) sent the e-mail below to Jack and Eric. The Chairman asked that we confirm which plants have experienced earthquakes exceeding the SSE (the e-mail below says OBE – I could be wrong, but I think he meant SSE – if we know both, that would be good for me to pass along, too). I need to share whatever we have with OPA and the Commission offices before the end of the day, so if you can get back to me before then, I would appreciate it.

Greg

From: Dean, Bill | *EDO*
Sent: Wednesday, August 31, 2011 8:47 AM
To: Grobe, Jack; Leeds, Eric
Cc: Virgilio, Martin; Bowman, Gregory; Merzke, Daniel
Subject: Info Request re: North Anna and Earthquakes

Regina

As we discussed this morning, we need to develop some technically oriented Q and A that can help our public affairs people properly address some of the questions that they are getting. On a nearer term basis, Bill B. just came from the Chairman's office with a question the Chairman would like us to get a straight answer to all the commissioners/OPA "how many sites have exceeded OBE in the past" – I believe it is only Perry, but some are saying FERMI as well. Do we have this information definitively, and if so, can we work with the OEDO staff to get this info walked around to the Commission offices and OPA today? Thanks.

Bill