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From: Burnell, Scott *OPK*
To: Munson, Clifford; Manoly, Kamal; Khanna, Meena
Cc: Ake, Jon; Kammerer, Annie
Subject: RE: GI-199 question
Date: Tuesday, September 13, 2011 3:04:07 PM

Understood on the clarification. Thanks.

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

From: Munson, Clifford *NRO*
Sent: Tuesday, September 13, 2011 3:03 PM
To: Burnell, Scott; Manoly, Kamal; Khanna, Meena
Cc: Ake, Jon; Kammerer, Annie
Subject: RE: GI-199 question

Scott,

NRR is the lead so I am not sure - I would hope that we would do the reviews in-house as we certainly have the expertise in NRO and RES.

Also, the sentence below is not correct regarding the development of new seismic hazard curves (GMRS) for each of the plants. There are three main elements for developing the probabilistic GMRS:

1) Seismic Source Models - This will be the new CEUS-SSC model developed jointly by NRC/DOE/EPRI. This not the "the latest USGS seismic source data" as is written below. The source data comes from many sources and the models were developed jointly by NRC/DOE/EPRI.

2) Seismic ground motion models - This will be the EPRI (2004) ground motion models that COL/ESP applicants are also currently using for their new reactor applications

3) Local site response - To estimate the effect of the local geology on the ground motion licensees will use the data gathered during original licensing and the latest site response methods. We are not asking licensees to gather new data but to just use the latest methods of analysis.

Hope this helps.

Cliff

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

From: Burnell, Scott
Sent: Tuesday, September 13, 2011 2:52 PM
To: Manoly, Kamal; Munson, Clifford; Khanna, Meena
Subject: FW: GI-199 question
Importance: High

Folks;

What's the short answer? National lab contractors? Thanks.

Scott

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

From: BRIAN WINGFIELD, BLOOMBERG/ NEWSROOM: [mailto:bwingfield3@bloomberg.net]
Sent: Tuesday, September 13, 2011 2:51 PM
To: Burnell, Scott
Subject: RE: GI-199 question

yes--will the NRC review the analyses, or will it be contracted out to a third party?

Information in this record was deleted
in accordance with the Freedom of Information
Act, exemptions 4
FOIA- 2011-0357

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

From: Scott Burnell <Scott.Burnell@nrc.gov>
To: BRIAN WINGFIELD (BLOOMBERG/ NEWSROOM:)
At: 9/13 14:44:59

Not sure I'm following... Each plant will do a site-specific analysis using the NRC/DOE/EPRI-developed model, the latest USGS seismic source data and site-specific plant information.

Do you mean how will the NRC review those analyses?

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

From: BRIAN WINGFIELD, BLOOMBERG/ NEWSROOM: [<mailto:bwingfield3@bloomberg.net>]
Sent: Tuesday, September 13, 2011 2:43 PM
To: Burnell, Scott
Subject: GI-199 question

Scott,

Do you know which vendor will be doing the analysis for the NRC's GI-199 review? Or is it done in-house?

Thanks,
Brian

Brian Wingfield
Bloomberg News
1399 New York Ave., NW
Washington, D.C. 20005
202-654-7318 office

(b)(6) cell

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