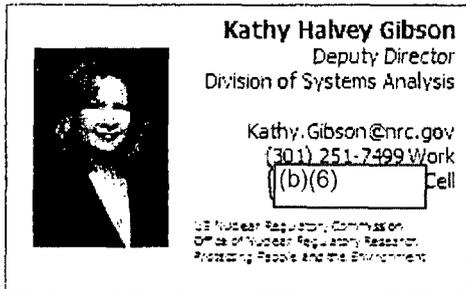


Greenwood, Carol

From: Gibson, Kathy - RES
Sent: Thursday, June 03, 2010 11:07 AM
To: Thompson, Gina; Uhle, Jennifer; Armstrong, Kenneth; Yerokun, Jimi; Elkins, Scott
Cc: Barr, Jonathan
Subject: RE: FY 2010 PERFORMANCE AND ACCOUNTABILITY REPORT - SOARCA NARRATIVE
Attachments: Kathy Halvey Gibson.vcf; image001.jpg

This looks ok to me, any comments Jennifer, Jimi, Scott?



A-6

From: Thompson, Gina
Sent: Thursday, June 03, 2010 10:58 AM
To: Uhle, Jennifer; Gibson, Kathy; Armstrong, Kenneth
Subject: FY 2010 PERFORMANCE AND ACCOUNTABILITY REPORT - SOARCA NARRATIVE

Jim Lyons has reviewed RES' proposed input to the FY 2010 PAR, and he proposes to modify the narrative for SOARCA as follows:

State-of-the-Art Reactor Consequence Analysis

The NRC, the U.S. nuclear industry, and the international nuclear community have performed extensive severe accident research to improve their understanding of the phenomena of severe accidents; the performance of the plants' systems and components under these conditions; the timing, magnitude, and composition of the radioactive material release; the effectiveness of the different design and mitigative measures, including emergency preparedness; and the understanding of the effects of radiation exposure on humans. The SOARCA project involves the reanalysis of severe accident consequences to develop a body of knowledge regarding the realistic outcomes of severe reactor accidents. In addition to incorporating the results of over 25 years of research, the objective of the SOARCA study is to include in this updated plant analysis the significant plant improvements and updates (e.g., system improvements, training and emergency procedures, and offsite emergency response) that have been made by plant owners. In FY 2010, the NRC staff completed a detailed technical evaluation of two types of commercial nuclear power plants. The draft report has been reviewed by an independent peer review panel of subject matter experts and will be released for public review and comment prior to being finalized.

NOTE: The PAR includes all of FY 2010, and the staff will be given another chance later in the fiscal year to make any necessary updates. Therefore, we will be able to revise the text above regarding the draft report to reflect the current status as of the end of FY 2010.

Please let me know by cob today, 6/3, if you have any comments. Thank you.

X
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