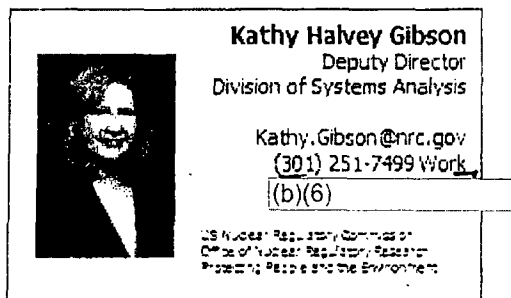


Greenwood, Carol

**From:** Gibson, Kathy - RES  
**Sent:** Monday, June 07, 2010 5:29 PM  
**To:** Yerokun, Jimi  
**Subject:** FW: Request: Notation Vote SECY paper dose estimates for GSI-191 (sump clogging)  
**Attachments:** Kathy Halvey Gibson2.vcf; image001.jpg

For 8:45.



**From:** Richards, Stuart  
**Sent:** Monday, June 07, 2010 5:10 PM  
**To:** Gibson, Kathy  
**Cc:** Lyons, James; Case, Michael; Uhle, Jennifer  
**Subject:** RE: Request: Notation Vote SECY paper dose estimates for GSI-191 (sump clogging)

Kathy

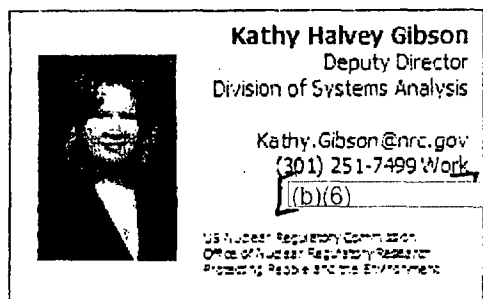
I'll check with our lead on how NRR and RES should be approaching this.

Stu

**From:** Gibson, Kathy  
**Sent:** Monday, June 07, 2010 4:26 PM  
**To:** Richards, Stuart  
**Cc:** Lyons, James; Case, Michael; Uhle, Jennifer  
**Subject:** FW: Request: Notation Vote SECY paper dose estimates for GSI-191 (sump clogging)

Stu,  
Have you gotten any information about a meeting to discuss work on GSI-191 SECY paper? We continue to get urgent requests for work at the staff level.

Thanks,  
Kathy



9/25

9/25

P/5

**From:** Mitchell, Jocelyn  
**Sent:** Monday, June 07, 2010 3:19 PM  
**To:** Gibson, Kathy  
**Subject:** FW: Request: Notation Vote SECY paper dose estimates for GSI-191 (sump clogging)

Jennifer has this exchange of emails. I'm not sure of the amount of work involved. (Neither is Charlie) I still don't understand this issues, so even to get a reasonable estimate of the work, I would have to read the transcript. I think this should be handled at a higher level, especially with the extremely short due date and SOARCA work at the same time.

j.

Jocelyn Mitchell  
Senior Level Technical Advisor  
Office of Nuclear Regulatory Research  
US Nuclear Regulatory Commission  
Washington, DC 20555

301-251-7697  
jocelyn.mitchell@nrc.gov

**From:** Hott, Christopher  
**Sent:** Monday, June 07, 2010 8:21 AM  
**To:** Mitchell, Jocelyn  
**Cc:** Tinkler, Charles; Uhle, Jennifer; Bush-Goddard, Stephanie  
**Subject:** RE: Request: Notation Vote SECY paper dose estimates for GSI-191 (sump clogging)

Thanks. Attached is the SRM and the latest outline for the SECY paper. Big picture here is that licensees may need to do some modifications to demonstrate compliance that would result in worker dose. Some work on potential off-site evaluations may have been done back in the 2004 timeframe. We are trying to dig these up (so may not need to do anything new there). If we don't have time for some of these, then we may not get it into the paper. I am told that the due date will not shift. If that's the case then we'll do the best we can without it. Thanks,

Chris Hott  
NRR/DSS/SSIB  
301-415-1167

**From:** Mitchell, Jocelyn  
**Sent:** Monday, June 07, 2010 8:16 AM  
**To:** Hott, Christopher  
**Cc:** Tinkler, Charles; Uhle, Jennifer; Bush-Goddard, Stephanie  
**Subject:** RE: Request: Notation Vote SECY paper dose estimates for GSI-191 (sump clogging)

I was away from the office and only got your email this morning.

I have not seen the SRM you are talking about, but if you are right about the question to be answered, 3 weeks is probably not possible. There would have to be 2 dose calculations, one the worker dose, which would come out of Stephanie's group, and an off-site dose assuming the sump clogged and ruined the pumps. For the latter, which Charlie and I might be involved in, would require getting a frequency for all accidents where recirculation could fail, and doing off-site evaluations for cases where other (e.g., 10CFR 50.whatever(hh)) systems were also not successful. An extension of time might be in order if this is what you actually need.

Please send all of us the SRM so we can review it and let's talk. Also the draft of the responding SECY if there is one.

j.

Jocelyn Mitchell  
Senior Level Technical Advisor  
Office of Nuclear Regulatory Research  
US Nuclear Regulatory Commission  
Washington, DC 20555

301-251-7697  
jocelyn.mitchell@nrc.gov

---

**From:** Hott, Christopher  
**Sent:** Thursday, June 03, 2010 7:27 PM  
**To:** Mitchell, Jocelyn; Tinkler, Charles  
**Cc:** Harrison, Donnie; Dinsmore, Stephen; Garry, Steven; Holahan, Vincent; Scott, Michael  
**Subject:** Request: Notation Vote SECY paper dose estimates for GSI-191 (sump clogging)

Hi Jocelyn and Charlie,

We are under extraordinary time limits for getting a Notation Vote SECY paper to the Commission. The SRM was issued less than 2 weeks ago and the SECY paper must be to the EDO for signature by 8/20/10. With concurrences through all offices, we only have about 3 weeks to do the technical work for this paper. The paper is about GSI-191 (sump clogging) and there is significant industry interest in the outcome of the future Commission vote.

Vincent Holahan said that either of you might be able to help us respond to the SRM which requires we assess dose impacts of various options in our SECY paper. One way I interpret this is seeking an answer to the question "Is the potential worker dose from plant modifications worth the safety benefit/reduction in dose risk to the general public. I am not working in the office tomorrow, but please call me on my cell phone (b)(6) if you can.

Any help you can provide is greatly appreciated. Also, RES is already on concurrence for the SECY paper, but for other reasons.

Thanks,

Chris Hott  
Reactor Systems Engineer  
U.S. NRC - NRR/DSS/SSIB  
christopher.hott@nrc.gov  
301-415-1167