

From: Jimmy Spacco [jspacco@scainc.biz]
Sent: Wednesday, May 18, 2011 12:11 PM
To: Diaz, Marilyn
Subject: RE: RAI Response
Attachments: Application to NRC Revised.pdf; Criticality Safety Evaluation Report Final.pdf; MD License Apr 2011.pdf; Radiation Protection Program .pdf; RAI License Cover Letter.pdf; SCAs NRC RAI Responses.pdf; MCNP Decks.doc

Ms Diaz,
Please find attached our response and supporting documentation for the RAI.

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From: Diaz, Marilyn [<mailto:Marilyn.Diaz@nrc.gov>]
Sent: Friday, April 29, 2011 11:06 AM
To: Jimmy Spacco
Subject: RAI Response

Jimmy,

I forwarded your question to our criticality reviewer, please see below for his response.

Thanks

Marilyn Diaz, EIT

Project Manager/Chemical Engineer
U.S Nuclear Regulatory Commission
NMSS/FCSS/FMB
M.S. EBB2-C40M
Washington, DC 20555
(301)492-3172

From: Chapman, Gregory
Sent: Friday, April 29, 2011 6:35 AM
To: Diaz, Marilyn
Subject: RE: RAI Response

Yes I'd like their input decks. I tried to confirm their evaluation myself using SCALE but had what I considered a significant variation from their reported results. If I can see their input decks (model inputs), I can figure out exactly where we differ and what assumptions they used and if they appear reasonable. At this point, all I can think is that we approached the problem differently and they probably knew more about what they were getting than I did which would explain the difference.

Greg

From: Jimmy Spacco [<mailto:jspacco@scainc.biz>]

Sent: Thursday, April 28, 2011 10:47 AM

To: Diaz, Marilyn

Subject: RE: RAI Response

Ms Diaz,

One of the questions:

Please provide the Criticality Safety Evaluations for the material being used, stored and handled; **as well as the models** used to determine k_{eff} .

Is the NRC asking for the MCNP input decks?

Jimmy Spacco

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