

Parks, Jazel

From: Navarro, Carlos - *pat*
Sent: Wednesday, February 02, 2011 7:48 PM
To: Santiago, Patricia
Subject: RE: follow-up on the cost of accidents and the economics of safety

Nate said the 3rd week is optimum for him, but he can work out to fit into the second week of May if necessary. The fourth week of may is not possible for him.

C.

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

From: Santiago, Patricia
Sent: Wednesday, February 02, 2011 6:46 PM
To: Navarro, Carlos
Subject: RE: follow-up on the cost of accidents and the economics of safety

How is the 2nd or 4th week of May for Nate....the 3rd may not be good.
thanks

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

From: Navarro, Carlos
Sent: Tuesday, February 01, 2011 2:23 PM
To: Chang, Richard; Santiago, Patricia
Cc: Ghosh, Tina
Subject: RE: follow-up on the cost of accidents and the economics of safety

Pat,

To have everyone in the same page...The schedule sent by Kevin should not include SOARCA as a topic but have probably something like "MACCS2 planned improvements to the economic model." We (SNL and NRC) can prepare a presentation to discuss the improvements agreed for the MACCS2 economic model back in 2010 with NSIR, NRR, and NRO.

Nate is available to participate in the meeting From April 11 till the end of the month.. He's also available the 3rd week of May. He said the 2nd week of May maybe possible but it is not optimum for him.

Carlos

From: Chang, Richard
Sent: Tuesday, February 01, 2011 8:13 AM
To: Santiago, Patricia
Cc: Navarro, Carlos; Ghosh, Tina
Subject: RE: follow-up on the cost of accidents and the economics of safety

Mid-march would be a bad time. At the earliest I think would be mid-may (and that is just a guess).

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

From: Santiago, Patricia
Sent: Tuesday, February 01, 2011 8:11 AM
To: Chang, Richard
Cc: Navarro, Carlos; Ghosh, Tina
Subject: RE: follow-up on the cost of accidents and the economics of safety

Information in this record was deleted in accordance with the Freedom of Information Act.
Exemptions 6
FOIA/PA 2011-0083

H/43

OK, I need to ask Kevin re end as he may have expected early to mid. I should have made that clearer. If that is not possible then would late March work better?
thanks

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

From: Chang, Richard
Sent: Tuesday, February 01, 2011 8:08 AM
To: Santiago, Patricia
Subject: RE: follow-up on the cost of accidents and the economics of safety

If that is the case I would say end of May.

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

From: Santiago, Patricia
Sent: Tuesday, February 01, 2011 8:04 AM
To: Navarro, Carlos
Cc: Ghosh, Tina; Chang, Richard
Subject: RE: follow-up on the cost of accidents and the economics of safety

Before we pick the timeframe or talk to Nate, Nate is key in SOARCA work as well and I don't want this to conflict with any SOARCA milestone. That said, what time period does everyone recommend for this meeting. Kevin gave me March thru May....
thanks.

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

From: Navarro, Carlos
Sent: Tuesday, February 01, 2011 7:44 AM
To: Santiago, Patricia
Cc: Ghosh, Tina
Subject: RE: follow-up on the cost of accidents and the economics of safety

Pat,

I'm not engage with SOARCA and as far as I understand, MACCS2 modeling in SOARCA is not focused on the MACCS2 economic results.

We meet around March/April last year to discuss/agree on a proposed plan to improve MACCS2 economic model, and SNL is engaged in this work. I don't have any concern on being in the IRSN meeting.

We should have Nathan Bixler, from Sandia, join the meeting. Nate has been very involved in MACCS2 work for SOARCA, and he is our PI for MACCS2. We can certainly work some presentation for this meeting. I will discuss this with Nate around 11:00am ET (9:00am CT).

C.

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

From: Santiago, Patricia
Sent: Tuesday, February 01, 2011 6:40 AM
To: Navarro, Carlos
Cc: Ghosh, Tina
Subject: FW: follow-up on the cost of accidents and the economics of safety

Carlos

Did you have any concerns participating in this and also what time period would you suggest...Kevin did say late April may could potentially be possible.

thanks

From: Coyne, Kevin

Sent: Friday, January 28, 2011 1:45 PM

To: Richter, Brian; Reed, Timothy; Ghosh, Tina; Navarro, Carlos; Sullivan, Randy; Milligan, Patricia; Cupidon, Les; Navarro, Carlos; Gallucci, Ray; Parillo, John; Siu, Nathan; Stutzke, Martin

Cc: Regan, Christopher; Helton, Shana; Kahler, Robert; Santiago, Patricia; Dehn, Jeff; Sangimino, Donna-Marie; Dube, Donald; Helton, Donald; Tate, Travis; Lui, Christiana; Coe, Doug; Barnes, Valerie

Subject: RE: follow-up on the cost of accidents and the economics of safety

Patrick Momal, an economist from IRSN, would like to visit the NRC in the late March early April time frame to discuss some of their recent work in the area of cost-benefit analysis and the economic impact of severe nuclear plant accidents (I've attached one of his recent PSAM papers for background – though the paper probably doesn't do the scope of the work justice). This visit is a follow-up to a previous discussion we held back in October. IRSN has proposed a three day meeting (likely to be held Tuesday-Thursday). Three days is probably more than any single office could support, but since there are three main offices that touch on this area, there probably is enough material to support a meeting close to this length. I'd like to turn the formal scheduling over to OIP as soon as possible, but wanted to run this very rough draft agenda by you to see if this is feasible:

Day 1

- IRSN presentation on their cost benefit work (2 hours)
- NRC Regulatory Analysis Process use of Cost-Benefit Analysis (2 hours) – NRR (Reed, Richter, Parillo/Gallucci?), RES (Cupidon?). Discussion points can include NRC reg analysis guidelines and application to rulemaking and SAMA reviews
- Open Discussion (3 hours)
- Other?

Day 2

- SOARCA Project Discussion (2 hours) – RES (Ghosh, Navarro), NSIR (Sullivan)
- Open Discussion with RES staff (2 hours) – RES (Ghosh, Navarro, Helton, Siu, Stutzke, Cupidon) – can include implications for proposed site Level 3 project.
- IRSN Informal "how things fail" Seminar (2 hours) – RES (Siu)
- Other?

Day 3

- NSIR Perspective on Cost-Benefit Analysis Accident Economic Impact (2 hours) – NSIR (Milligan, Sullivan)
- Other? (perhaps HQ Ops Center tour and overview of NRC emergency response)

IRSN has also been engaging Commissioners Apostolakis and Ostendorf on this topic; the "other" line items could be used to schedule separate meetings as appropriate. We are also evaluating if other federal agencies may have an interest in the discussions (e.g., DHS). Based on earlier feedback, I think the weeks of either

March 21 or April 4 would work best (though I have a preference for April). Let me know if this outline is feasible.

Thanks for your help!

Kevin

Kevin Coyne, P.E., Ph.D.

Chief, Probabilistic Risk Assessment Branch Division of Risk Analysis, Office of Nuclear Regulatory Research

U.S. Nuclear Regulatory Commission Washington, DC 20555-0001

(301) 251-7586 (work)

(b)(6) [redacted] (cell)

9/23