

ACTION:  Signature/Approval  Vote  Comments  Edits  No Action (FYI)  
URGENT:  Yes  No

NOTE TO: ~~Commissioner Switzer~~  
FROM: Pat Castleman *PC 9/3/10* **Th.**  
SUBJECT: State of the Art Reactor Consequence Analysis (SOARCA) Briefing

BRIEFING PURPOSE:

This was a semi-annual briefing. The major news is that the staff is delaying the project by 8 months. Originally, the staff had planned to provide the final NUREG to the Commission by 10/29/2010; this milestone is now 6/30/2011.

WHEN AND WHERE: 2:00 on Friday, 9/3/10; 18<sup>th</sup> floor conference room.

SUMMARY:

TAs from all offices attended. Slides are attached.

The staff attributed the 8 month delay to two factors.

1. Both the ACRS and some members of the peer review panel strongly urged the staff to complete their uncertainty analysis concurrent with finalizing the SOARCA NUREG. Originally, the staff had planned to do the uncertainty analysis after issuing the final NUREG. The ACRS and peer reviewers believe that the uncertainty analysis will confirm the robustness of the SOARCA study and add credibility to the report when it is rolled out to the public.
  - a. In view of the latent cancer risk estimate being on the order of  $10^{-10}$  to  $10^{-11}$ , I asked whether the uncertainty analysis was really an academic exercise because, even if the results were off by an order of magnitude, the results would still be way below anything of concern. Staff agreed that this is the case.

b. (b)(5) [Redacted] EX 5

2. The staff is still in the process of resolving internal comments. They would only say that the comments were extensive and needed significant attention to bring to closure.

a. (b)(5) [Redacted] EX 5

(b)(5) [Redacted] EX 5

(b)(5) [Redacted] EX 5

*H/60*