

## Summary of 1/14/03 FP Manual Actions Rulemaking Plan Team Meeting

**Attendees:** Phil Qualls                      Laura Dudes                      Erasmia Lois  
                  J.S. Hyslop                            Paul Lewis                        Jay Persensky,  
                  Peter Koltay                            James Bongarra                    Gareth Parry  
                  David Diec

**Agenda:** See Attachment 1

Due to conflicts with other high priority meetings, a number of team members had to leave the meeting early. Some of the items on the agenda were not discussed.

### How comfortable are we with respect to the technical basis leading to the development of the proposed manual action criteria

David Diec noted that the proposed rulemaking plan package has been circulated for and obtained concurrences from most divisions, and is awaiting for DIPM's concurrence. However, concerns have been raised by DIPM regarding available industry standard and other methodologies that could be used to evaluate the acceptability of human actions. He also noted that the package needs to identify applicable methodologies used to develop the technical basis for the rule.

David Diec indicated that the proposed rulemaking plan package can be accessed through ADAMS #ML023180628 and requested that members again access to the document. Phil Qualls gave a quick background of FP manual actions and acknowledged that the proposed rulemaking plan could use additional discussions in the areas of operator response time and manual actions crediting approaches. James Bongarra noted that the proposed rulemaking plan, as currently written, does not recognize any industry standards or methodologies for operator response time, and the proposed list of criteria lacks of risk-informed considerations. He identified the availability of ANSI/ANS standard 58.8-1994, "Time response design criteria for safety-related operator actions" and NUREG-1764, "Guidance for the Review of Changes to Human Actions," which have been referenced by the staff as part of amendments review of human performances, and that they may benefit the proposed rulemaking plan. He further noted that NSIR is also looking at manual actions in the context of security.

### RES to give insights on ongoing research activities that may benefit this proposed rulemaking

Jay Persensky stated that a number of researches on human reliability have been conducted and the proposed FP manual actions rulemaking plan is a first step to consolidate knowledge-based information on human actions.

J.S. Hyslop indicated that RES has developed a screening tool to assess the reliability of human actions.

### ACTIONS:

The followings were identified as assignments to team members with comment and response to David Diec by 1/22/03.

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- 1. Members to review and identify related ongoing activities, NUREGs, additional standards, and risk-informed approaches that can benefit the proposed manual actions criteria.**
- 2. James Bongarra/Laura Dudes to contact NSIR regarding operator manual actions in the context of security**
- 3. James Bongarra to propose wordings to the rulemaking plan package to reflect the considerations of industry standards and staff guidance in human performances.**

**FP Manual Actions Rulemaking Plan Team Meeting  
January 14, 2003  
O-10B4  
Agenda**

- **How comfortable are we with respect to the technical basis leading to the development of the proposed manual action criteria**
- **Feedback/comments received from RG on the draft inspection guidance**
- **RES to give insights on ongoing research activities that may benefit this proposed rulemaking**
- **Identify potential additional technical supports**
- **Resources**
- **Next step**