

**From:** Diane Jackson, *NRR*  
**To:** Adel El-Bassioni, Christopher Gratton, Edward Co... *NRR*  
**Date:** Thu, Mar 18, 1999 12:42 PM  
**Subject:** RESEND: Decommissioning DSSA "Working Group"

Many, if not all of you, watched the Commission briefing yesterday on decommissioning -  
One thing to note - the 2 months for a working group was not specifically us - although I would count on being part of it. I asked the Decommissioning PD about it before the briefing and it is NRR/NRC working group that has not been formed yet.

However, Gary expects something out of us regardless of that...

Gary wrote up some notes from the briefing and they are attached.

Let's meet Monday 1:00 in O-10 B6 to discuss what we have read/found to date and where we are going...

Thanks, Diane

*B/196*

WORKING GROUP TO ADDRESS  
SFP/DECOMMISSIONING ISSUES

- Past practice was not based on a solid technical understanding of the issues:
  - \* too many assumptions drove the results
  - \* too little test and analysis
  - \* too little consideration of probability
  - \* too little gradation of requirements
  - too little consideration of time for recovery
- Past practice probably resulted in very conservative decisions.
- Working group Tasks:
  - re-evaluate probability and consequences of SFP scenarios
  - re-evaluated fuel heat up analysis
  - add consideration of time for recovery
  - assess the real likelihood and consequences of zircaloy fires
    - how do they start?
    - how do they spread (if at all)?
  - re-evaluate fuel failure progression
  - re-evaluate transport mechanisms
  - compare probability and consequences of SFP scenarios to operating reactor probability and consequences
  - evaluate value and effectiveness of EP for SFP scenarios
  - evaluate some failed fuel and some not

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