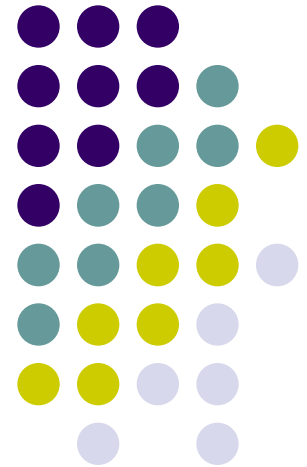


# **Safety Analysis Working Group 2008 EFCOG ANNUAL MEETING**

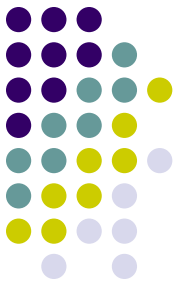
## **Working Group Chair Meeting**

**Andrew Vincent  
Savannah River Nuclear Solutions  
Working Group Chair  
September 16, 2008**



# WG Organization

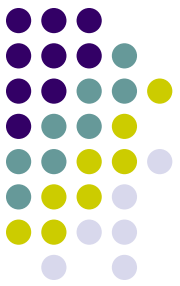
---



- **Sponsoring Director, Robin Madison, LANL**
- **Dr. Richard Englehart , HS-21**
  - John Moon incoming
- **WG Chair – Andrew Vincent, SRNS**
- **Vice Chair – Brad Evans, PNNL**
- **Subgroup Chairs**
  - Safety Basis: Jerry Hansen, WSMS
  - Accident Analysis: Mukesh Gupta, WSMS
  - USQ: Mark Mitchell, LLNL
  - Training Liaison: Julie Johnston, LANL
- **20+ companies, plus DOE participating regularly, 250+ SMEs participating in WG activities on annual basis**

# Accomplishments during 2008 YTD

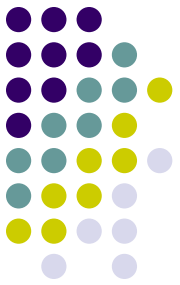
---



- Supported development and issuance of DOE-STD-1189, Safety/Design Integration, and DOE O 413.3A, chg 1
- Issued Safety Basis Supplements Paper
- Drafted Paper on “Evaluation of the Safety of the Situation” (ESS)
- Participating on team for implementation of DNFSB 2008-1, Safety Classification of Fire Protection Systems
- Held 18<sup>th</sup> Annual Safety Analysis Working Group Meeting
  - Richland, WA, May, 2008
  - Training, Paper Sessions, Panel Discussions
  - embedded EPWOG mtg on 1189 implementation
  - Strong attendance & participation (248 total count)

# Planned activities over the next year

---



- Meet with DOE leadership in Nuclear Safety on issues identification and planning (this week in Germantown)
  - Proceed with actions resulting from the interaction (see starting topical list)
- Support the implementation of DOE STD 1189
  - Training
  - Associated directives revision
- Support the implementation of DNFSB 2008-1
- October 28-29, 2008 – Safety Basis Subgroup Workshop, Albuquerque, NM



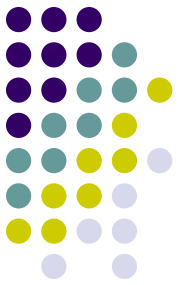
# Interactions with other WGs

---

- Working with Engineering Practices Working Group on multiple initiatives
  1. Implementation of DOE-STD-1189, Integration of Safety into the Design Process (*also with Project Management WG*)
  2. Revision of DOE-STD-3024 (SDD content)
  3. DNFSB Recommendation 2008-1
  4. Safety Digital Instrumentation and Controls

# Working Topics

---



Implementation of DOE-STD-1189, Integration of Safety into the Design Process	Regulatory Stability
Revision of DOE-STD-3024 (SDD content)	Fire Analysis
Addressing Chemical Hazards in a DSA	Revision of the USQ Implementation Guide, & Evaluation of the Safety of the Situation (ESS)
DNFSB Recommendation 2008-1	Safety Analyst Training / DOE Toolbox Codes
Criticality analysis and control selection	Lessons Learned from the System Engineer Program
Unmitigated Scenarios guidance	TSR Threshold
Independent Validation Review	Safety Management Program best practices
Safety Digital Instrumentation and Controls	D&D guides proposal
Safety Basis Supplement paper	