



NAC Stoller Nuclear Fuel Core Performance Assessment Group (COPAG-36)

COPAG-36 Special Topics for 2011 have been selected!

- ***Spent Fuel Pool (SFP) Criticality Concerns, Issues, and Other Considerations***
- ***Failed Fuel RCS Chemistry Analysis and Action Plans***
- ***Spent Fuel Dry Cask Storage Systems, Fuel Characterization, and Documentation***

This year, ***Dr. Dale Lancaster*** will be joining our consulting team for the topic on Spent Fuel Pool (SFP) criticality. Dr. Lancaster is an industry consultant and expert in the criticality area. For this topic Dr. Lancaster will cover concerns, issues, and considerations regarding:

- ◆ Absorber Degradation
- ◆ Depletion Uncertainty in Burnup Credit Analysis
- ◆ Axial Burnup Treatment in Burnup Credit
- ◆ Optimization of Loading Requirements
- ◆ Operational Confirmation of Criticality Analysis Assumptions
- ◆ Criticality Computer Code Validation

The Emerging Issue (EI) for this year's COPAG will also be integrated with this topic and will address the ***post-Fukushima implications on SFP's***.

In addition to the Special Topics, a “*mini*” topic on ***Fuel Cycle Economics*** will be included and will discuss current market trends and impacts on fuel cycle costs. And of course, the COPAG base program will continue to cover PWR and BWR fuel technology, designs, and performance. This year's program content and our collective team of experts will ensure that this is one of the most interesting and valuable seminars available to nuclear utilities.