

Session Title: New Reactors—Will There Be a Second Wave?

Description: The NRC is fully engaged in conducting reviews of licensing applications under Title 10 of the *Code of Federal Regulations* (10 CFR) Part 52, “Licenses, Certifications, and Approvals for Nuclear Power Plants.” To date, the agency has received a total of 17 combined license (COL) applications for 26 new nuclear power plants across the country and expects to receive an additional 3 COL applications for another 5 nuclear power plants in calendar year 2009. The NRC is also currently reviewing three design certifications (DCs) and one DC amendment. In addition, the staff is continuing its review of an early site permit/limited work authorization application. While the agency has achieved many successes, many challenges still remain. The design-centered review approach has proven very successful in conducting efficient and effective reviews. However, the instability of the designs, as well as complex technical issues, continue to pose challenges to the staff. The panel will discuss the successes and challenges, as well as approaches being taken to improve the 10 CFR Part 52 licensing process. The panel will also address the renewal of DCs in terms of the development of the review process and the criteria for DC renewal applications.

Session Chair: David Matthews, NRC/NRO

Presentation View

Handout View

Panelists:

2010 EPAAct Program Status

Presentation View

Handout View

Rebecca Smith-Kevern, Acting Deputy Assistant Secretary for Nuclear Power Deployment, Office of Nuclear Energy, Department of Energy

Challenges and Successes of Part 52 Licensing Activities

Presentation View

Handout View

Stephanie Coffin, NRC/NRO

Renewal of Design Certifications

Presentation View

Handout View

Nanette Gilles, NRC/NRO

A Mid-Process Review

Presentation View

Handout View

Marilyn Kray, Vice President, Project Development, Exelon Nuclear

Who is on Deck?

Presentation View

Handout View

Douglas Walters, Senior Director, New Plant Deployment, Nuclear Energy Institute

Session Coordinator: Serita Sanders, NRC/NRO, tel: (301) 415-2956, E-mail: Serita.Sanders@nrc.gov