



ANS

2013 LWR Fuel Performance Meeting/TopFuel



September 15-19, 2013 • Charlotte, NC • Westin Charlotte Hotel

Fuel Handling Events Workshop

September 19, 2013

Over the past decade, nuclear plants have experienced a higher number of adverse fuel handling events. These events can range from mispositioning a fuel assembly during in-core refueling to damaging an assembly component in the spent fuel pool during inspection.

The events have a global reach and their frequency has risen - particularly in the spent fuel pool area. This increase has been linked to several factors, including an increase in off-normal fuel handling activities such as dry cask loading, fuel cleaning, healthy fuel inspections that require disassembly of fuel bundles, as well as assembly reconstitution. Additionally, with a growing population of fuel handling workers reaching retirement, “tribal knowledge” may not be getting communicated to replacement personnel or captured in procedures.

This workshop is designed to communicate this growing problem to a broader audience. Speakers will describe the types of events encountered, their causal factors and actions being taken to address the events. A Q&A panel session will follow and participants will solicit assistance from the technical community to help address gaps in knowledge and solutions.

Fuel Handling Workshop Agenda

Time	Topic	Presenter
08:00	Workshop Introduction	Jeff Deshon, EPRI
08:15	INPO Initiatives to Prevent Fuel Handling Events	Bob Burnham, INPO
08:45	Utility Fuel Handling Events - Recent Fuel Handling Events at Exelon Nuclear - Fuel Handling Incident at NPP Beznau Switzerland - Fuel Handling Experiences at Électricité de France - Fuel Handling Experiences - Fuel Handling Experiences at First Energy	Bill Gassman, Exelon Dan Slabu, AXPO Nicolas Waeckel, EDF Cory Faris/Emily Miller, DukeEnergy Robb Borland, FENOC
10:00	Break	
10:15	Commercial Vendors - Fuel Handling Experience & Technology Update - Fuel Handling Events – GNF - Field Issues and Handling Anomalies: Westinghouse Solutions	Louis Steigelman, Areva Kevin Ledford, GNF Adolfo Reparaz, Westinghouse
11:15	Panel Discussion	Robb Borland, FENOC Bob Burnham, INPO Bill Gassman, Exelon Adolfo Reparaz, Westinghouse
12:00	Adjourn	