



RIC 2013 Requalification Inspection Procedure Rewrite

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IP71111.11 – *reasons behind the change*

- Licensed operator performance concerns
- ROP realignment process
- Objectives for the IP revision

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Licensed Operator Performance

- **Events –**
 - **PWR (March 2010):** fire, scram and safety injection with complications
 - **PWR (February 2011):** reactivity excursion during main turbine valve testing
 - **BWR (May 2011):** scram during reactor startup
 - **BWR (April – September 2011):** multiple events while shutdown (RCS inventory, shutdown cooling, control rod positioning)

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Common Themes

- Procedures not followed
- Inadequate procedures
- Basic knowledge weaknesses
- Proceeding in the face of uncertainty, lack of conservative decision making
- Loss of command and control function
- Loss of operational "big picture"

"Operator fundamentals"

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ROP Realignment Process

- Strategic review to maintain appropriate focus on safety issues
- NRC senior regional managers input - additional focus on licensed operators based on performance
- Emphasis on operator performance over requalification process

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Objectives for the IP revision

- **Performance based**
 - More "in the plant" vs. "in the training building"
 - Requalification training leads to improved performance
- **Improved guidance on quality attributes**

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Main Impacts on IP71111.11

- Added 4 hrs/qtr. of observation in actual Control Room (in addition to existing simulator observations)
- Added problem identification and resolution (PI&R) section with direct focus on performance improvement on the job
- Identify attributes of requalification program elements (exams, simulator, remediation) that support maintenance and improvement of fundamentals, plant knowledge and performance on the job

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Now, from “theory” to “practice”...



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