“Post-Fukushima stress tests peer review”

Perspectives on the stress tests and peer review
WANO

Created in 1989
Scope expanded in 2011

118 member utilities affiliated to one or more RC

London
Atlanta
Moscow
Paris
Tokyo
WANO after Fukushima

WANO SOER to check WANO Members’ ability to deal with a beyond design basis event

Significant Operating Experience Report
WANO SOER 2011-2

Fukushima Daiichi Nuclear Station Fuel Damage Caused by Earthquake and Tsunami

Analysis of SOER 2011-2 Recommendation Response Data
Summary of the Common Issues Identified during NPP Reviews of SOER 2011-2
Fukushima Daiichi Nuclear Station Fuel Damage Caused by Earthquake and Tsunami Recommendations

March 2011
Limited Distribution

July 2011
Restricted Distribution
Spent Fuel Pools Loss of Cooling and Makeup

Near Term Actions to Address an Extended Loss of all AC Power
WANO after Fukushima

Prevention

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Prevention & Mitigation
WANO after Fukushima

WANO Scope Expansion:

- Expand the scope of WANO activities to include emergency preparedness
- Expand the scope of WANO activities to include severe accident management
- Expand the scope of WANO activities to include some aspects of design (operator’s capability to perform periodic safety re-assessment)
Capability to mitigate conditions that result from beyond design basis events whatever the cause of the event.
WANO after Fukushima

Same goal from WANO and international organisations (IAEA, INPO ...) :

Increase the robustness of the plants to face any event :
- In the design basis as well as beyond the design basis
World Association of Nuclear Operators

http://www.wano.info