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PWROG – NRC Meeting

March 10th, 2025



Agenda

• Introductions ALL

• Opening Remarks PWROG & NRC

PWROG Structure & Overview, Jim Lynde, PWROG Chairman
 Topics for discussion

• NRC Topics

Mike Franovich,

NRR Deputy Office Director for Engineering

• Open Discussion PWROG & NRC

• Closing Remarks PWROG & NRC



Opening Remarks & Goals of the Meeting

PRESSURIZED WATER REACTOR OWNERS GROUP



Structure & Organization

PRESSURIZED WATER REACTOR OWNERS GROUP

PWROG Membership Composition







Electrabel

Entergy

Eskom

Evergy

Florida Power & Light (FPL) / NextEra

Hokkaido Electric Power Company

Japan Atomic Power Company

Kansai Electric Power Company

Korea Hydro & Nuclear Power

NPP Krško

Kyushu Electric Power Company

Pacific Gas & Electric
Palisades

Pd

PSEG

180 PWR UNITS

Ringhals 2,3,&4

Shikoku Electric Power Company

Southern Nuclear Operating Company

South Texas Project (STP) Nuclear

Operating Company

Spanish Utilities (ANAV & CNAT)

Taiwan Power Company

Temelin (I&CWG Only)

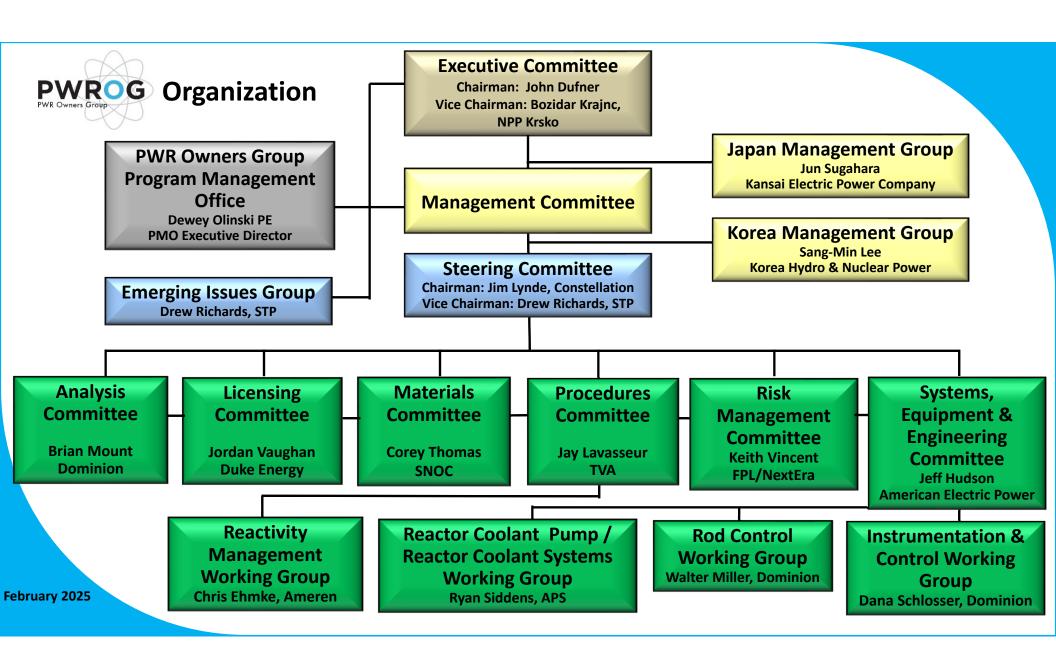
Tennessee Valley Authority

Vistra

Xcel Energy

Ameren
American Electric Power
Angra I
Arizona Public Service
Barakah NPP
Beznau
Borssele
Bruce Power (PSC Only)
Constellation
Dominion Energy
Duke
EDF
EDF-Sizewell B

Westinghouse Non-Proprietary Class 3





PWROG Executive Committee

John Dufner (TVA) – Executive Chairman Bozidar Krajnc (Krsko) – Executive Vice Chair Jim Lynde (Constellation) – PWROG Chairman Drew Richards (STP) – PWROG Vice Chair

Domestic Executive Representatives		International Executive Representatives	
Brent Jungmann – Ameren	Joe Jerz - Holtec	Michael Meier - AXPO	Jose Augusto do Amaral - Electronuclear ETN
Jeff McCelland – AEP	Allen Wilson – PG&E	Ferran Tarrasa – ANAV	Tariq Al Sarkal - Emirates Nuclear Energy Corporation
Adam Heflin – APS	Rob DeNight - PSEG	Jeroen van Gent - Borssele	Michael Meier - ESKOM
Mark Newcomer – Constellation James Holloway – Dominion	Earl Berry – SNC Christopher Georgeson – STP	James Ross – Bruce Power Martin Bica - CEZ	Jun Sugahara - Japan Management Group (<i>Kansai, JAPC, Hokkaido, Kyushu,</i>
Shawn Gibby – Duke	John Dufner – TVA	Borja Rosell Herrera - CNAT	Shikoku) Seung-Chul Lee - KHNP
Patrick Russell – Entergy	Jay Lloyd - Vistra	Patrice Gosset - EdF	Bozidar Krajnc – KRSKO
Jamie McCoy – Evergy	Thomas Conboy – Xcel Energy	Adrian Smith - EdF Energy	Magnus Holmgren – Ringhals
Chris Geiser – FPL/NextEra		Christiaan Debrouwere – Electrabel	Ding-Wen Chiou - Taiwan Power

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February 2025



PWROG Topics for Discussion

- RIPE Workshop Jim Lynde
- The ADVANCE Act of 2024 Jim Lynde (PWROG Chair)
 - ☐ Use of Risk Informed Thinking for Ultimate Heat Sink (UHS)
 - ☐ Establishing techniques and guidance for evaluating applications for nuclear reactor licenses to support efficient, timely, and predictable reviews
- Executive Orders: Declaring a National Energy Emergency & Unleashing American Energy
 - □ TSTF-585 "Revise LCO 3.0.3 to Require Managing Risk" Review of TSTF-600, "Revise the RCS Pressure Isolation Valve Leakage Testing Frequency" Jordan Vaughan (LSC Chair)
 - □ Increased Enrichment Rulemaking Brian Mount (ASC Chair) (see next slides)

PWROG Supporting IE Rulemaking

- Coordinating with NEI, BWROG, and EPRI.
- PWROG is aligned with NEI regarding aspects of the IE rulemaking.
- PWROG attention is focused on changes impacting radiological dose consequence analysis and Loss of Coolant Accident (LOCA) analysis changes.
- PWROG is supportive public workshops to enable an open and transparent dialogue on the industry's implementation efficiency, predictability, and durability concerns.

PWROG Supporting IE Rulemaking

Enhancements

- Relocation of certain LOCA requires from regulation to regulatory guides.
- Separation of the control room dose consequence design criterion from occupational dose limits of 10 CFR 20.

Challenges

- Voluntary 50.46a has a perceived large implementation burden, increases regulatory burden, and potentially limited benefit.
- Uncertainty associated with EQ dose impacts.
- Requirement for 50.46 LOCA Dose analyses with "well within" dose design criteria.