

RIC 2020



U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment
#NRCRIC2020



Nuclear Power Plants: Is 80 the New 60?

Session T5, March 10, 2020, 1:30 – 3:00 PM

This session will use Live Polling. If you do not yet have the NRC RIC app, please download it.

The logo for RIC 2020, featuring the letters 'RIC' in a large, blue, stylized font with '2020' in a smaller, white font to its right.The logo for the U.S. Nuclear Regulatory Commission (NRC), featuring the text 'U.S. NRC' in a large, blue font, with 'United States Nuclear Regulatory Commission' and 'Protecting People and the Environment' in smaller text below it. The hashtag '#NRCRIC2020' is also present.

Nuclear Power Plants: Is 80 the New 60?

Session T5, March 10, 2020, 1:30 – 3:00 PM

Moderator:

Anna Bradford, Director, Division of New & Renewed Licenses, NRC Office of Nuclear Reactor Regulation

Panelists:

Alison Hahn, Federal Program Manager, U.S. Department of Energy, Office of Nuclear Energy

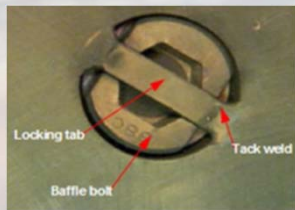
Sherry Bernhoft, Senior Program Manager, Electric Power Research Institute

Louise Lund, Director, Division of Engineering, NRC Office of Nuclear Regulatory Research

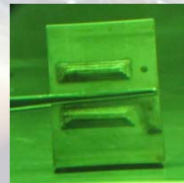
Mark Sartain, VP, Nuclear Engineering & Fleet Support, Dominion Energy



Aging Management for Metals



CERT test, photo by ORNL

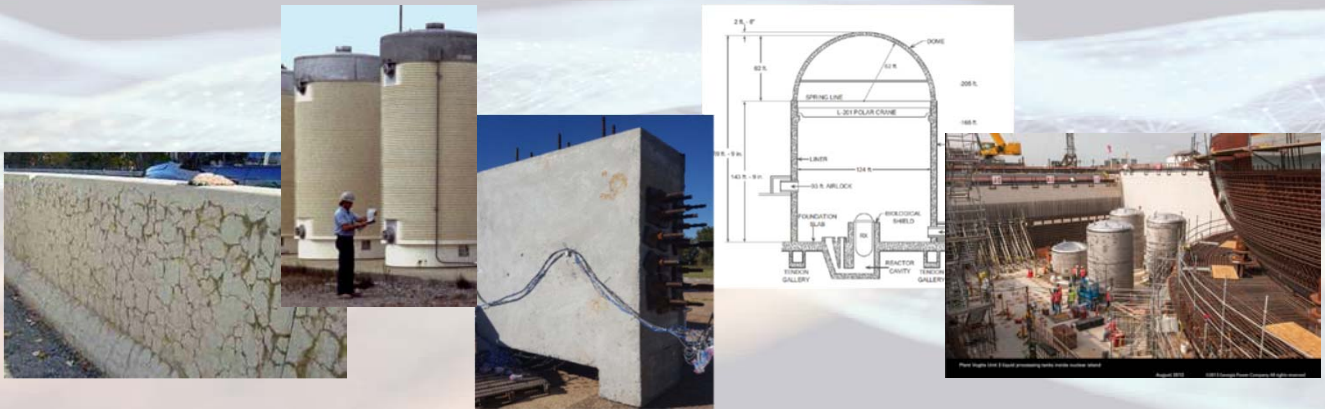


Laser weld, photo by ORNL





Aging Management for Concrete





Aging Management for Cables



<http://mybocx.epri.com/bocx/PublicMeeting/Materials/2022/epri05.pdf>

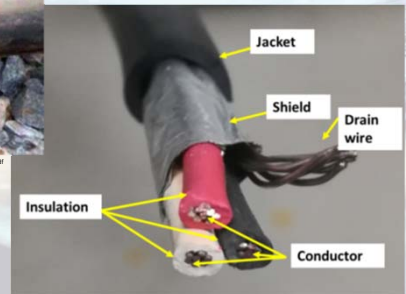


Photo by PNNL



Plant Modernization: Looking Toward 80



Hybrid Control Room



Pipe Structural Health Monitoring



Questions



Florida Power & Light, Turkey Point



Dominion Energy, Surry