

EPRI Review of Impacts of BWRVIP-100 Rev.1-A Non-Conservatism on PWRs

Impact on MRP-227

Open Session

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MRP-227 and Irradiated Stainless Steel Fracture Toughness

- MRP-227 Revision 1-A does not include fracture toughness information for irradiated stainless steels
- Instead, MRP-227 simply requires the use of “NRC approved” methodologies for evaluation of flaws in PWR internals
 - See MRP-227 Section 7.5
- One example of these methodologies is WCAP-17096-NP-A which was developed by the PWR Owners Group and approved via Safety Evaluation Review by NRC in 2016
- PWR Owners Group is considering impacts to WCAP-17096-NP-A
- No other EPRI-MRP technical reports are impacted

A blue-tinted photograph of four people, two men and two women, standing in a row. They are all wearing white lab coats with the EPRI logo on the left chest. The man on the far left has curly hair and glasses. The man next to him has short dark hair and glasses. The woman next to him is wearing a white hard hat and has short dark hair. The man on the far right has short brown hair, a beard, and glasses. They are all smiling and looking towards the camera. The background is a solid blue color.

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