









Baffle-Former Bolt Inspections Regulatory Basis – Period of Extended Operation

Guidance for PWR RVI aging management program is based on NRC-approved topical report MRP-227-A

battle ton bolts

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 To manage aging of RVI, IP2 committed to enhanced inspections following MRP-227-A, consistent with NRC guidance

Protecting People and the Environment





Indian Point Unit 2 (IP2)

- · Removing degraded bolts using mechanical extraction and Electrical Discharge Machining (EDM) tools
- · Developing plans to replace baffle-former bolts
- · Developing safety evaluation of as-found condition
- · Developing analysis to support baffle-former assembly return to service (if not all bolts are replaced)

Indian Point Unit 3 (IP3)

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- Developing evaluation of baffle-former assembly considering information from IP2
- Evaluating schedule for future baffle bolt examinations. currently planned in 2019 >> ReFact in 17; I. cen 20

Protecting People and the Environment

NRC Inspections to Ensure Safety **Of Indian Point Unit 2**

 Evaluated Entergy's Inservice Inspection to verify their examination methods/acceptance criteria were appropriate Harold Gray - RI ISI insput

- Baseline Inspections being planned and implemented to:
 - Verify Entergy completes bolt replacement and analyses that ensure the baffle-former assembly will perform intended safety functions
 - o Review Entergy's evaluation of the as-found conditions to independently assess the safety significance and whether there were prior performance issues HQ, regional, residues

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• Entergy will perform root cause analysis will be show

- · Results will be shared with the industry through the EPRI Materials Reliability Program (MRP)
- EPRI considers MRP-227-A a living program
- · Changes can be made in response to operating experience

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