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Protecting People and the Environment

NRC Technical Review Group Results for Emergency Diesel Generators

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Background

- The Technical Review Groups (TRGs) were created to provide support to the NRC Operating Experience (OpE) Program.
- Purpose of TRGs is to identify issues, negative trends, and recurrences and to glean OpE insights and lessons learned that could be applied to NRC programs.
- Lessons learned from Davis Besse (NRC failed to connect the dots and effectively apply OpE).
- Various NRC offices have representatives in the TRGs.
- There are currently 26 TRGs.

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What TRGs Review

- TRGs review OpE in their technical discipline:
  - OpE Comms
  - Inspection Findings
  - 10 CFR 50.73 Licensee Event Reports
  - 10 CFR 50.72 Event Notifications
  - International OpE
  - 10 CFR 21 Reports
  - INPO Consolidated Event System (ICES)

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Accomplishments From TRG Reviews

- Information Notices issued or proposed
- Change to Standard Review Plan guidance
- Inspection procedure changes
- Vendor inspections
- COMM updates
- RIC session

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2016 Results for TRG for Electrical Power Systems (EDGs Mechanical)

Event Cause	**2016**	2015	2014
Procedures	**2**	2	9
Tests	**0**	0	1
Design	**0**	1	11
Human Factors	**13**	14	12
Part 21	**0**	0	2
Fire	**11**	2	4
FME	**2**	3	4
Leak	**15**	26	21
Broken/Failed Part	**20**	20	10

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2015 Results for TRG for Electrical Power Systems (EDGs Mechanical)

Event Cause	2016	2015	2014
Corrosion	**3**	1	1
Governor	**5**	3	3
International	**1**	2	1

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QUESTIONS?