



NRC Technical Review Group Results for Emergency Diesel Generators

Robert Wolfgang, P.E.
U.S. Nuclear Regulatory Commission
robert.wolfgang@nrc.gov

301-415-1624

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Disclaimer

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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.



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)



Accomplishments From TRG Reviews

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



2017 Results for TRG for Electrical Power Systems (EDGs Mechanical)

<u>Event Cause</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>
Procedures	3	2	2
Tests	0	0	0
Design	8	0	1
Human Factors	9	13	14
Part 21	1	0	0
Fire	7	11	2
FME	2	3	4
Leak	15	26	21
Broken/Failed Part	20	20	10



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

<u>Event Cause</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>
Corrosion	1	3	1
Governor	1	5	3
<u>International</u>	0	1	2



QUESTIONS?