

Waterford 3 Steam Electric Station 2022 Annual Assessment Meeting

Reactor Oversight Process

Nuclear Regulatory Commission – Region IV
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Purpose



**Who we are and
what we do**



**Discuss Waterford
performance in 2022**



Questions & Answers



NRC Mission



The NRC licenses and regulates the Nation's civilian use of radioactive materials to provide reasonable assurance of adequate protection of public health and safety and to promote the common defense and security and to protect the environment.

NRC Inspection Activities

Waterford



- Approximately 7800 hours of inspection and related activities
- Two resident inspectors assigned for onsite inspection coverage throughout the year
- 15 regional inspections
- Entergy/Waterford operated the plant safely and in a manner that preserved the public health and safety and protected the environment

Waterford PIs and Findings

January 1 through December 31, 2022

- All Green Performance Indicators
- 14 Green / Severity Level IV inspection findings
- 2 White inspection findings due to issues with radiation monitor calibration

Reactor Oversight Action Matrix Performance Indicators

Performance Indicators



Increasing Safety Significance →

Inspection Findings



Increasing Safety Significance →

Radiation Monitor Issues

Waterford

- Radiation monitors are used to find how much radioactive material is exiting the plant in normal and emergency conditions
- Some of the installed radiation monitors were incorrectly calibrated
 - The response would be lower or higher than actual which would impact emergency actions during a significant event

Reactor Oversight Inputs and Oversight



	GREEN	WHITE	YELLOW	RED
Performance Indicators	Performance within an expected level; Cornerstone objectives are met	Performance outside expected range; Cornerstone objectives are still being met	Related cornerstone objectives are being met; Minimal reduction in the safety margin	Signals a significant reduction in safety margin in the area measured
Findings	Very low safety or security significance	Low to moderate safety or security significance	Substantial safety or security significance	High safety or security significance
Oversight	Baseline Inspection	Requires additional NRC oversight	Requires more NRC oversight	Requires most NRC oversight



Questions?

Feedback?

Go to nrc.gov/pmns/mtg and click on the “Meeting Feedback Form” for this meeting