

# Annual Assessment Meeting

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Nuclear Regulatory Commission

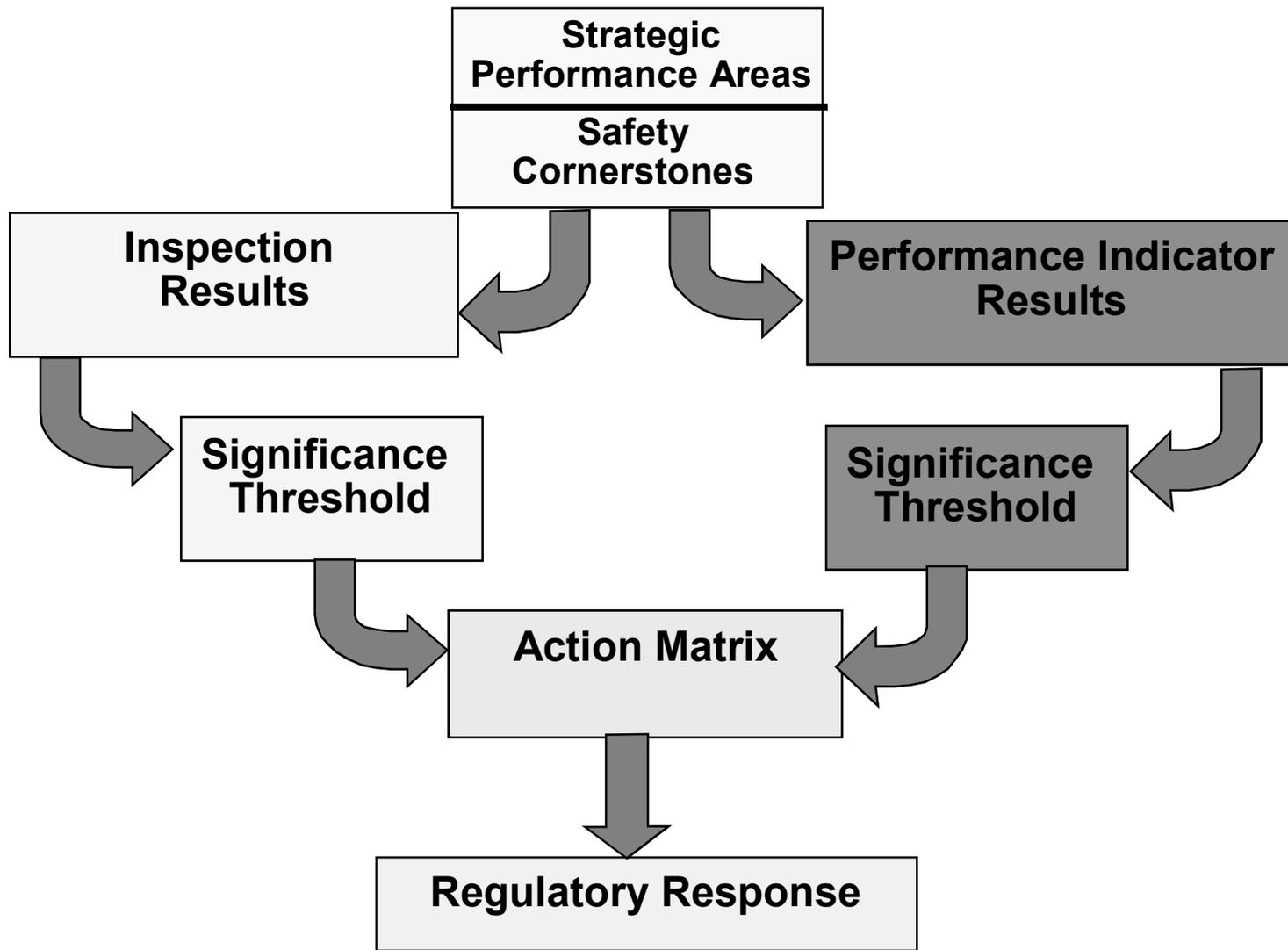
# NRC Performance Goals

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- Maintain safety and protect the environment
- Enhance public confidence
- Improve effectiveness, efficiency, and realism of processes and decision making
- Reduce unnecessary regulatory burden

# Reactor Oversight Process

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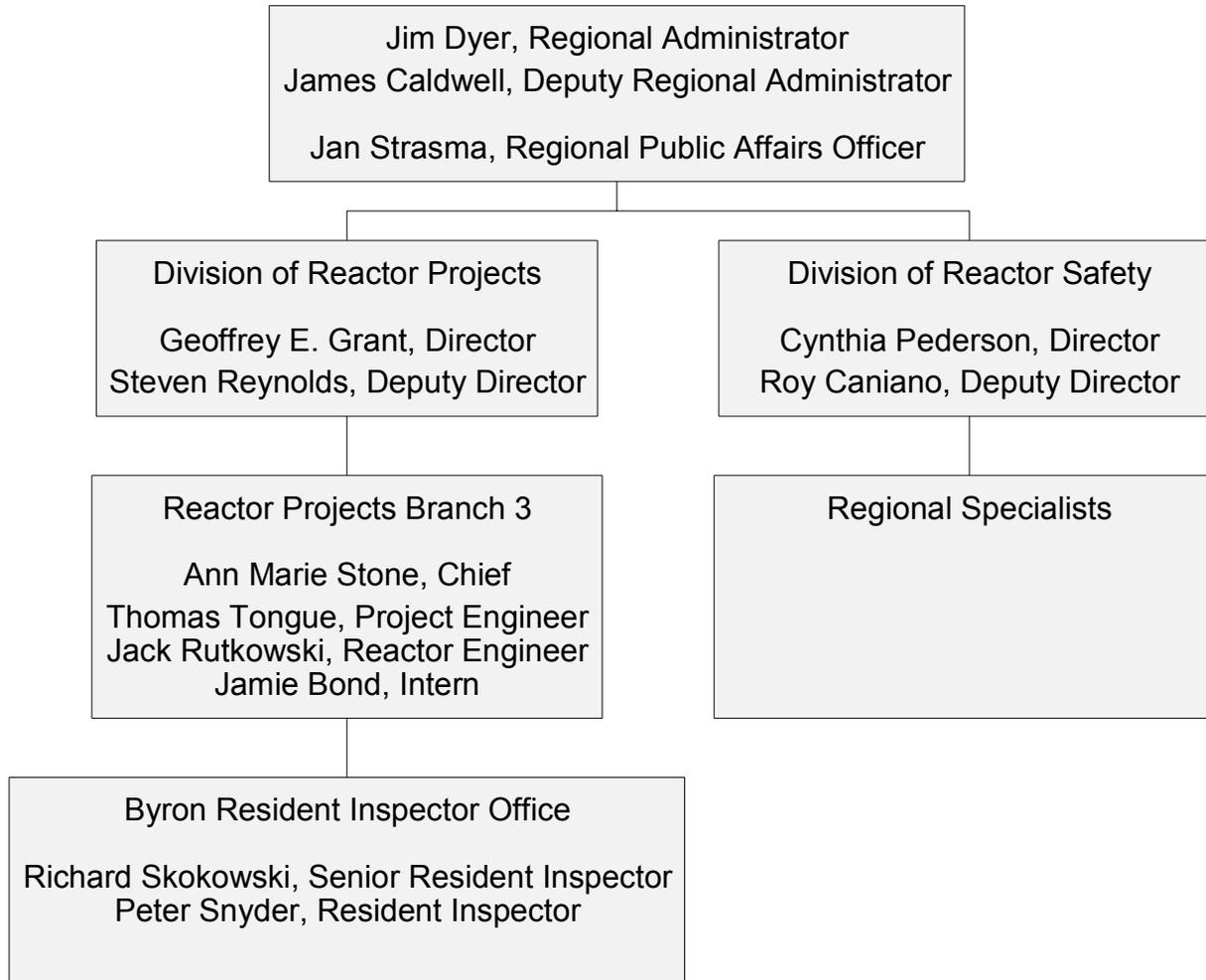
# Key Aspects of the Assessment Program

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- Objective review of licensee performance
- “Action Matrix” identifies agency response commensurate with safety significance
- Increasing safety significance results in:
  - Increased levels of inspection
  - Involvement of higher levels of NRC and Licensee management
  - Increased regulatory action
- Plant specific assessment information on NRC public web site

# Regional Organization

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# Annual Licensee Assessment Meeting

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- A public forum to discuss licensee's performance
- NRC will address the licensee performance issues identified in the Annual Assessment Letter
- Licensee will respond to the information in the letter and inform the NRC of new or existing programs to maintain or improve their performance

# ROP Action Matrix Summary for 2002

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- Column 1 - Licensee Response
- Column 2 - Regulatory Response
- Column 3 - Degraded Cornerstone
- Column 4 - Multiple/ Repetitive Degraded Cornerstone
- Column 5 - Unacceptable Performance

(Nationwide number does not contain Davis Besse)

	Column 1	Column 2	Column 3	Column 4	Column 5
Nationwide	59	33	7	3	0
Region I	9	14	2	1	0
Region II	26	4	1	1	0
Region III	11	10	2	0	0
Region IV	13	5	2	1	0

# Security & Safeguards Update

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- Creation of Office of Nuclear Security and Incident Response
- Top-to-Bottom Review of Security Program Initiated
- Issuance of Orders/ Interim Compensatory Measures (ICM)
- Verification of Licensee Actions on ICM

# Security & Safeguards Update

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- Proposed Revisions to Design Basis Threat
- Pending Orders on Fatigue/Guard Training
- Initiation of Pilot Force-on-Force Exercise Program

- Name of Plant: Byron Station, Units 1 and 2
- Plant Operator: Exelon
- Number of Units: 2
- Reactor Type and Vendor: PWR/W
- Location: Byron, IL
- Power Output (thermal): 3586.6 megawatts
- Source of Circulating Water: Rock River

# Major Plant Activities in 2002

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## Byron Station, Unit 1

- Reactor shutdown for refueling outage (3/11/02)
- 20% power reduction due to planned repairs to feedwater regulating valve (5/18/02)
- Reactor trip due to digital electrohydraulic control system problems (10/15/02)
- Second reactor trip due to digital electrohydraulic control system problems (11/07/02)

# Major Plant Activities in 2002

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## Byron Station, Unit 2

- Unplanned reactor shutdown due to steam generator tube leak (6/22/02)
- Reactor shutdown due to refueling outage (9/16/02)
- 20% power reduction due to planned repairs to feedwater regulating valve (10/13/02)

# Plant Performance Summary

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Byron Station, Units 1 and 2

- 9 GREEN Findings and 1 Severity Level IV issue
  - ▶ Failure to follow procedures
  - ▶ Failure to adequately evaluate conditions
  - ▶ Inadequate procedures
  
- All Performance Indicators Within GREEN Band

# Plant Performance Summary

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Byron Station, Units 1 and 2

- Operated Safely
- Fully met all Cornerstone Objectives
- Licensee Response Band of NRC Action Matrix

# Contacts for additional information for:

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## Byron Station, Units 1 and 2

- Regional Public Affairs Officer:
  - ▶ Name: Jan Strasma
  - ▶ Phone: 630-829-9663
  
- State Liaison Officer:
  - ▶ Name: Roland Lickus
  - ▶ Phone: 630-829-9660
  
- Branch Chief:
  - ▶ Name: Ann Marie Stone
  - ▶ Phone: 630-829-9729
  
- Senior Resident Inspector:
  - ▶ Name: Rick Skokowski
  - ▶ Phone 815-234-5451

# Contacting the NRC

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- Report an emergency
  - ▶ (301) 816-5100 (call collect)
  
- Report a safety concern:
  - ▶ (800) 695-7403
  - ▶ Allegation@nrc.gov
  
- General information or questions
  - ▶ [www.nrc.gov](http://www.nrc.gov)
  - ▶ Select “What We Do” for Public Affairs