

USNRC  
**RIQ 2015**

## Development of the Proposed Turkey Point Units 6 & 7 Environmental Impact Statement (EIS)

Alicia Williamson-Dickerson, NRO/DNRL/EPB  
March 12, 2015

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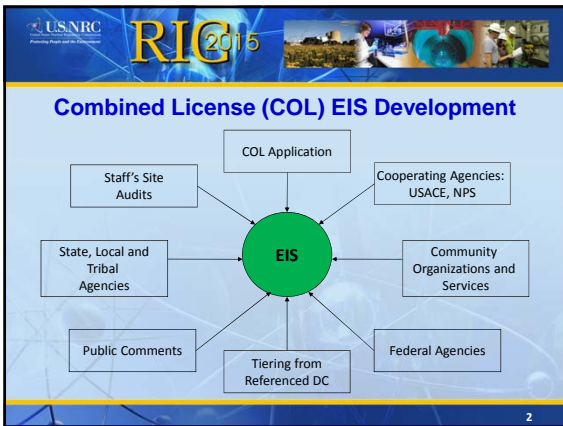
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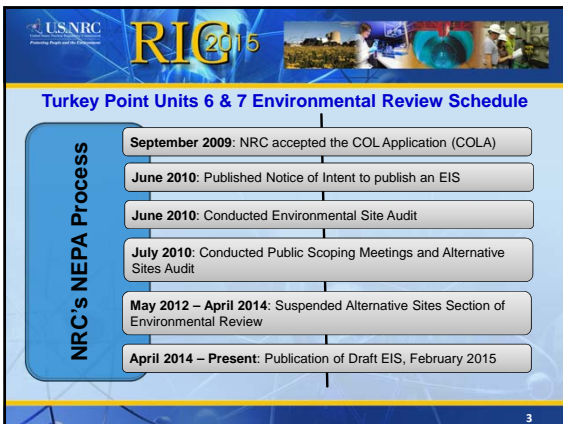
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### Unique Technical Matters Encountered During Draft EIS Development

- Unique technology
  - Reclaim Water
  - Radial Collector Wells
  - Deep Well Injection
- Chemicals of emerging concern (CECs)
- Site selection for the alternatives sites
- Cooling canals
- Large number of protected species
- Hydrological connectivity of water systems

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### Unique Administrative Matters Encountered During Draft EIS Development

- Two cooperating agencies
- Significant interest from stakeholders and general public
- Contract with United States Geological Survey
- Staff resource constraints
- Scheduling constraints

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### Turkey Point Units 6 & 7 Environmental Review Schedule

**NRC's NEPA Process**

- February 2015: Publication of draft EIS
- April 2015: Public Meetings to discuss draft EIS
- May 2015: End of public comment period
- February 2016: Publication of the final EIS

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### Turkey Point COL Review Contact Information

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### Background Slides

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### NRC Regulatory Structure for Environmental Combined License (COL) Review

- National Environmental Policy Act of 1969 as amended (NEPA)
- Code of Federal Regulations Title 10, Part 51
- Environmental Standard Review Plan (NUREG-1555)
- Regulatory Guides 1.206, 4.2, and 4.7
- Interim Staff Guidance 4 and 26

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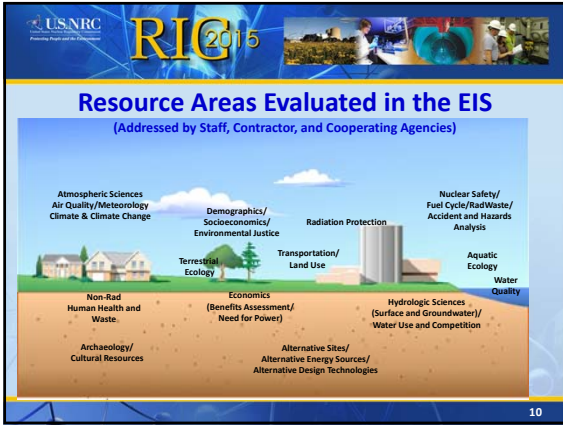
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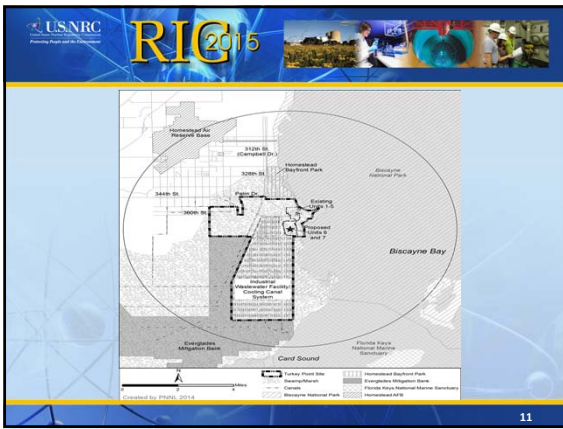
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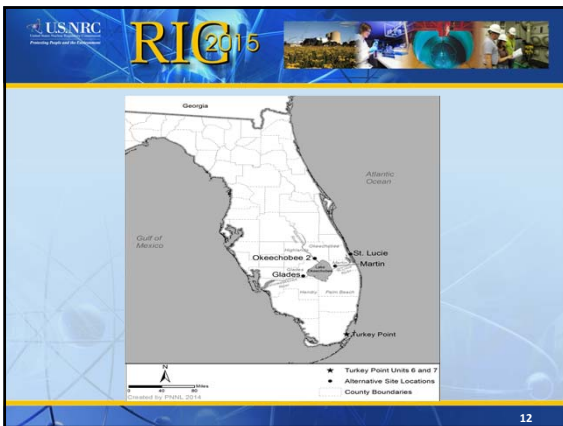
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**How Impacts are Quantified**

- NRC-defined impact levels:
  - SMALL: Effect is not detectable or so minor it will neither destabilize or noticeably alter any important attribute of the resource
  - MODERATE: Effect is sufficient to alter noticeably, but not destabilize, important attributes of the resource
  - LARGE: Effect is clearly noticeable and sufficient to destabilize important attributes of the resource
- Reflects Council on Environmental Quality regulations and guidance for NEPA analyses

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