

USNRC RIC

Resident Perspectives on Part 52 Construction at Vogtle & VC Summer

RIC 2014
Rockville, MD
March 13, 2014

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Senior Resident Inspector
VC Summer Units 2 & 3
Region II / Division of Construction Projects

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OUTLINE

- VC Summer and Vogtle Resident Inspector Introductions
- Construction Resident Inspection History
 - 70's and 80's Construction vs Current Construction
- Resident Inspector Successes
- Resident Inspector Challenges

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VC Summer Construction Residents



Rahsean Jackson
Sr. Resident Inspector



Patrick Donnelly
Resident Inspector



David Failla
Resident Inspector

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Vogtle Construction Residents

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graph TD; Fuller[Justin Fuller  
Sr. Resident Inspector]; Abbot[Coleman Abbot  
Resident Inspector]; Huffman[Chad Huffman  
Resident Inspector]; Fuller --- Abbot; Fuller --- Huffman;
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Justin Fuller
Sr. Resident Inspector

Coleman Abbot
Resident Inspector

Chad Huffman
Resident Inspector

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Construction Resident Program History

68' No RI 80' RI @ 15% 84' Expanded RI program Present

- No residents were placed at the construction sites prior 1980.
- Between 1980 - 83 one resident was sent to each sites once construction reached 15% completion.
- Post 1983 an expanded Construction Resident Program was created.
 - Multiple Residents were placed at sites prior to Construction Permit (CP) issuance.
 - Increased NRC presence contributed to improvement in construction quality

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NRC Construction Resident Successes

- Communication of Information
 - Residents serve as the eyes and ears of the Agency (RII, HQ)
 - Communication of emerging construction issues
 - Communication between each site (Summer and Vogtle)
- Construction Inspection Program Development
 - Construction Inspection Program Information Management Systems (CIPIMS) feedback
 - Inspection Planning Input
 - Corrective Action Program



NRC Construction Resident Challenges

- Design Control Document (DCD) Interpretation
 - Tier 2* Scope
 - Inspection, Tests, Analyses and Acceptance Criteria (ITAAC) Interpretation
 - Code Interpretation
- Inspection of Multiple Quality Assurance Programs
 - 3 On-site organizations (WEC, CBI, Licensee)
 - 3 different QA, CAP and Staff
 - Access to Information



NRC Construction Resident Challenges (Cont'd)

- ITAAC Inspections
 - 874 Total /344 Targeted ITAAC (SUM)
 - 24 In-Process ITAAC Inspections
 - 875 Total /345 Targeted ITAAC (VOG)
 - 40 In-Process ITAAC Inspections (VOG)
