



New Reactor Construction: Transition to Operations

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Key Messages

- The NRC is well positioned to implement the Vogtle 3 and 4 inspection and oversight activities through plant start up.
- Qualified staff are engaged in the construction, initial test, and operational program inspections.
- Domestic and international lessons learned are being applied to these activities.



Agenda

- Vogtle Readiness Group
- Qualified Inspection Staff
- Initial Test And Operational Programs Preparedness
- Transition Lessons Applied Early



Vogtle Readiness Group



- Management oversight
- Project integration and decision-making



Vogtle Readiness Group

Review Time	Total ICNS Currently In Review	Review Time	Total UINs Currently In Review
Under 30	5	Under 30	2
Between 30 and 45	0	Between 30 and 45	6
Over 45	1	Over 45	0
Total	6	Total	8

Review Time	ICNs Awaiting NRC Inspection
Under 30	1
Between 30 and 45	0
Over 45	1
Total	2

Review Time	ICNs Under Review
Under 15	1
Between 15 and 22	0
Over 22	3
Total	4

Review Time	ICNs Under Technical Review
Under 15	0
Between 15 and 22	0
Over 22	2
Total	2

Review Time	ICNs Under Disposition
Under 30	0
Between 30 and 45	0
Over 45	0
Total	0

- Communications both internal and external to the NRC
- Integrated use of metrics



Qualified Inspection Staff



- Qualified inspectors for ITAAC, operational program, and startup testing inspections
- Revised qualification requirements based upon lessons learned
- Initial test inspectors



Initial Test and Operational Programs Preparedness

- NRC manager leading the initial and operational program inspection group
- Digital testing
- Subject matter experts reviewing test procedures





Transition Lessons Applied Early



- Watt Bar Unit 2
Lessons Learned
- Transition to Reactor
Oversight Process
(ROP)



Transition Lessons Applied Early



- Tabletop exercises challenge programs and processes
- International exchange with National Nuclear Safety Agency