

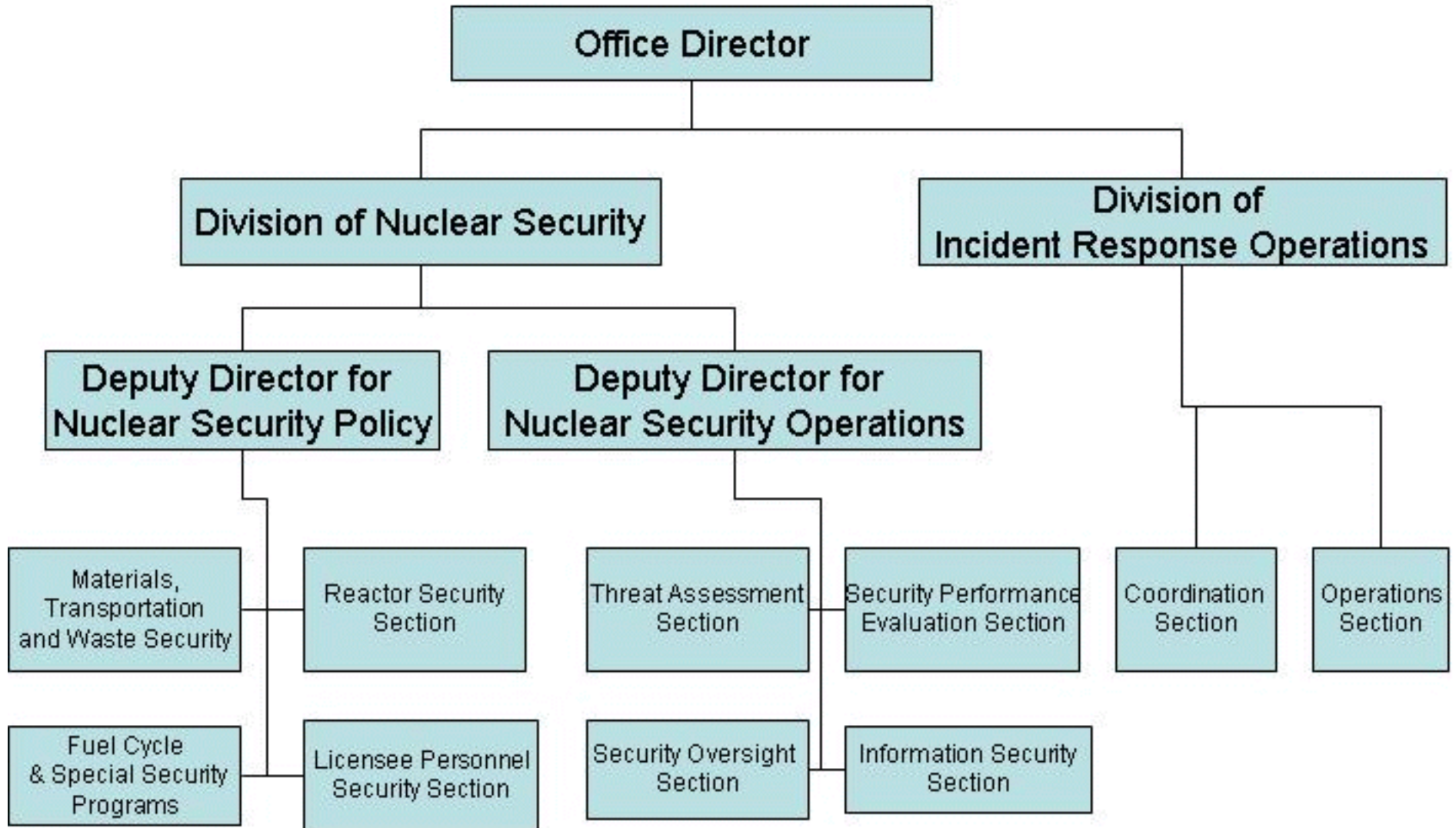


NUCLEAR SECURITY

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Office of Nuclear Security and Incident Response



Current Threat

- Reports of suspicious activities and overflights
- Increased reporting identifying power plants as potential targets
- General credible threat, but no specific credible threat

Compensatory Measures via Orders

- Enhancements to security
- Issued to all major licensees
- Detailed guidance
- Ongoing verification via inspection
- Remain in effect until no longer needed; afford time to complete systematic threat, vulnerability and consequence analyses

Recent Initiatives

- Access Authorization
 - ▶ Eliminate temporary unescorted access
 - ▶ Criminal history review prior to unescorted access
 - ▶ Enhanced employment verifications
 - ▶ Periodic reinvestigations
- Training
 - ▶ Enhanced training and qualifications
- Fatigue
 - ▶ Overtime limits

Force-on-Force Exercises

- Suspended Force-on-Force (FOF) Testing after September 11, 2001
- Implemented tabletop pilot program July, 2002
- Initiated pilot FOF exercises in February, 2003 implementing enhancements

Design Basis Threats

- Current DBT established through rulemaking in 1979
- Revised adversary characteristics post September 11, 2001 attacks
- Shared proposed DBTs with stakeholders obtaining feedback
- Revised DBT currently under consideration

Integrated Plan of Mitigative Strategies for Potential Security Vulnerabilities

- Assessment strategy
- Major activities:
 - ▶ Aircraft
 - ▶ Spent fuel pools
 - ▶ Dry casks
 - ▶ Cyberterrorism
 - ▶ Radiological dispersal devices

Advisories/Event Response

- Sixty threat advisories issued since September 11, 2001
- Orange threat level declared on three occasions
- Offsite response coordination improvements

NRC Long Term Goals

- Implement revised DBT
- Complete vulnerability assessments and consequence analyses
- Rebaseline security inspection program
- Rebaseline NRC security regulations
- Ensure appropriate level of security for spectrum of licensees
- Enhance response and preparedness
- Provide regulatory stability