



DOE O 473.1A

Physical Protection Program

Dave Golden
Office of Security Policy





Briefing Topics

- Order Development
- Requirement Drivers
- Changes in Requirements
- On-going Physical Protection Policy Activities
- Questions



Order Development

- Integrated Project Team established in **accordance with DOE O 251.1D**, *Departmental Directives Program*
- Consisted of **Federal and Contractor Subject Matter Experts** from throughout the Department
- Kick Off Meeting held in **June 2019**
- IPT met regularly for **over two years**

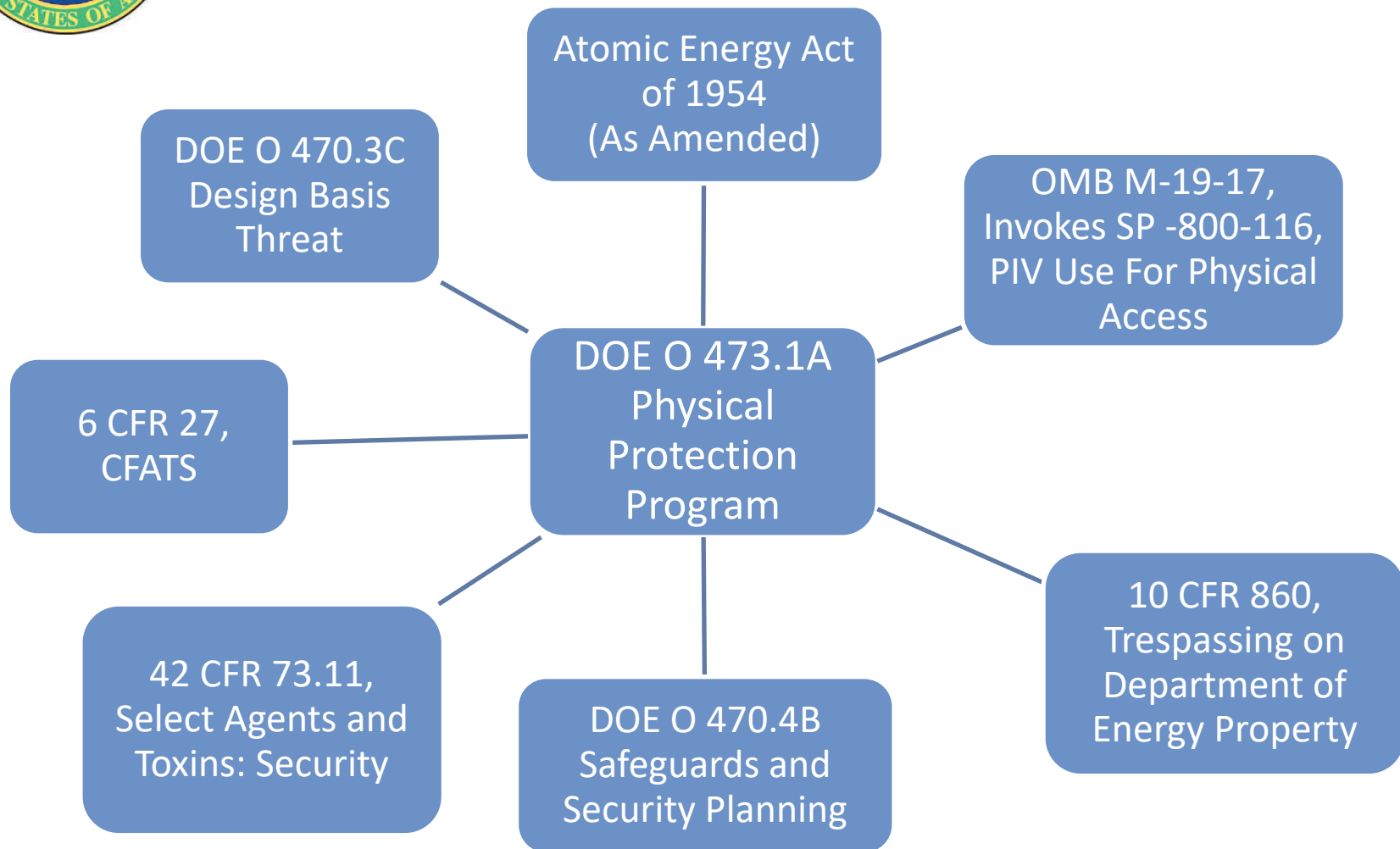


Order Development (continued)

- The IPT received **over 2500 comments** on the draft order during 4 review periods
 - Pre-RevCom
 - RevCom
 - 1st DRB Review
 - 2nd DRB Review
- Most **comments were accepted** or accepted with modifications
- Approved by the Deputy Secretary on **August 30, 2021**



Requirement Drivers



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SIGNIFICANT CHANGES

- Aligned 473.1A with the DBT
- Eliminated Annex 1 *Safeguards And Security Alarm Management And Control Systems*
- Developed Requirements For PL-5 And PL-6 Assets
- Incorporated HSPD-12 Requirements For Physical Access Control



ADDITIONAL CHANGES

- **Limited Area detection** requirement
 - **Measures must be implemented** to deter, delay and detect unauthorized access into an LA, as **documented in the approved SP.**
- Updated requirement for **Federal Register Posting**
 - **Described the process and included the link** <https://www.archives.gov/federal-register/write>.
- Updated **lock and key** requirements



ADDITIONAL CHANGES

PL-7 Assets

- Biological Agents – New requirements,
Based on pertinent CFRs
- Category IV SNM
 - Existing requirements but **clarified lock requirement during transit**. Requires level 3 lock which is determined by the ODSA and can be a TID per previous EFCOG discussion



ADDITIONAL CHANGES

PL-7 Assets

- Other Accountable Nuclear Material
- Radiological materials
- Chemicals

All 3 of these - Must be **protected in accordance with local security procedures** documented in a SP



ADDITIONAL CHANGES

PL-6 Assets

- Critical program assets
- Radiological materials
- Biological agents
- Chemicals

Requirements based on Consequences



ADDITIONAL CHANGES

PL-5 Assets

- National critical infrastructure
- Radiological materials
- Biological agents and select agents and toxins
- Chemicals

Requirements based on Consequences



ADDITIONAL CHANGES

Systems

- We put all the security system requirements in one attachment, PACS, IDS, VASS, Testing Maintenance and aligned with PLs

Definitions

- Defined terms not previously used



Ongoing PPS Policy Activities

- Physical Protection Systems Policy Panel (**PPSPP**)
 - Kick off was in January 2022
 - Consistently held quarterly meetings since
 - Discuss site specific policy concerns and recent policy clarifications
 - Next meeting will be June 13, 2023



Ongoing PPS Policy Activities

- **Systems Testing Working Group (STWG)**
 - Systems performance testing etc.
 - Kick off was April 25/26, 2023
 - Discussed site issues related to security equipment
 - Intend to develop a Technical Standard for testing security systems to ensure consistency across the complex



EHSS-51 Physical Protection Contact

Dave Golden, Security Specialist

David.Golden@Hq.DOE.Gov 301-903-8290

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Questions?

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