

The Nuclear Materials Management and Safeguards System (NMMSS)



2015 Annual
Users
Training
Meeting

Accuracy

Accountability

Performance



May 11-14, 2015

Las Vegas, NV

Implementation of IAEA Safeguards in the U.S.

Peter Habighorst, MC&A Branch Chief
U.S. Nuclear Regulatory Commission



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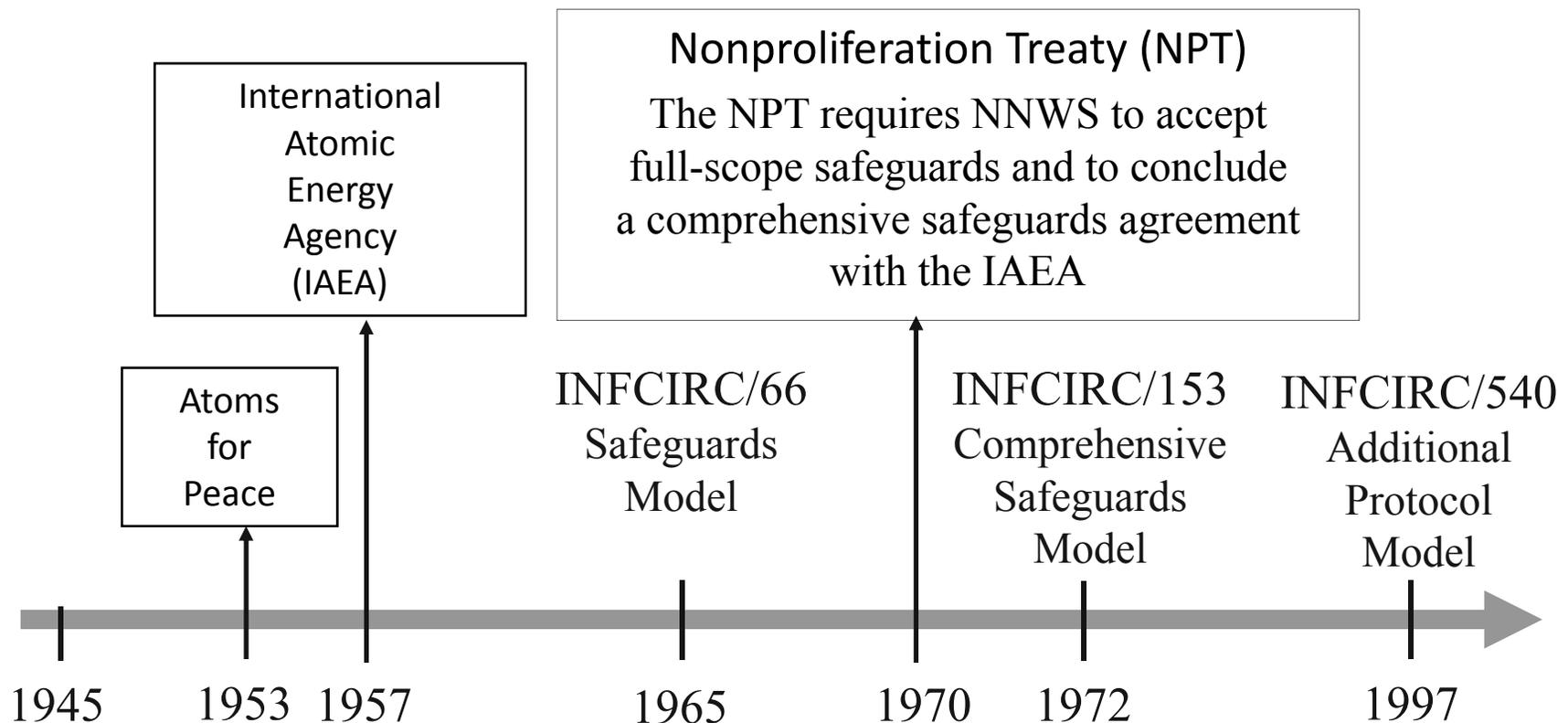
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Background



Information circulars (INFCIRCs) are the legal instruments that establish IAEA safeguards objectives and practices



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U.S. Historical Timeline



- U.S.-IAEA Safeguards Agreement (INFCIRC/288)
 - “The Voluntary Offer” and “Reporting Protocol”
 - Entered into Force - December 1980
- U.S. – IAEA Additional Protocol (INFCIRC/288, Add.1)
 - Entered into Force - January 2009
- Universal reporting of exports, imports, and inventories of nuclear material for peaceful purposes, (IAEA GOV/2588)
 - September 1992
- U.S. Safeguards Agreement for the Treaty of Tlatelolco Territories (INFCIRC/366)
 - Entered into Force - February 1989
- Small Quantities Protocol for the Tlatelolco Safeguards Agreement
 - Entered into Force – April 1989



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Interagency Players



- NSC – National Security Council
- DOS – Department of State
- DoD – Department of Defense
 - OSD – Office of the Secretary of Defense
 - JCS – Joint Chiefs Staff
- DOE/NNSA – Department of Energy/National Nuclear Security Administration
- NRC – Nuclear Regulatory Commission
- DOC – Department of Commerce
- OMB – Office of Management and Budget
- DOJ – Department of Justice
- IC – Intelligence Community



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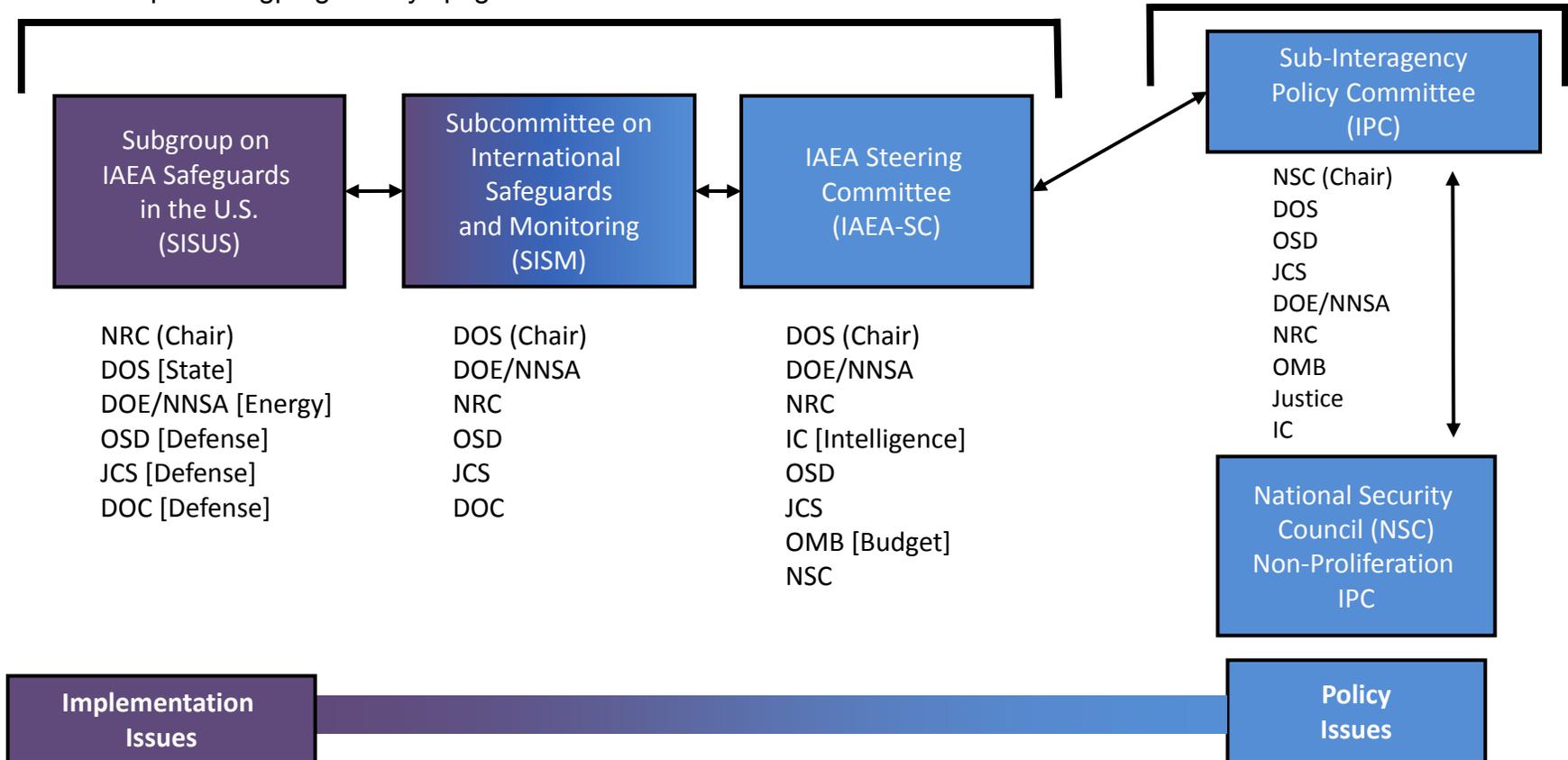
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Interagency Committees Related to IAEA Safeguards



Defined in Federal Register Volume 63, Number 28, Public Notice 2722
<http://www.gpo.gov/fdsys/pkg/FR-1998-02-11/html/98-3381.htm>

Defined in National Security Presidential Decision Directives



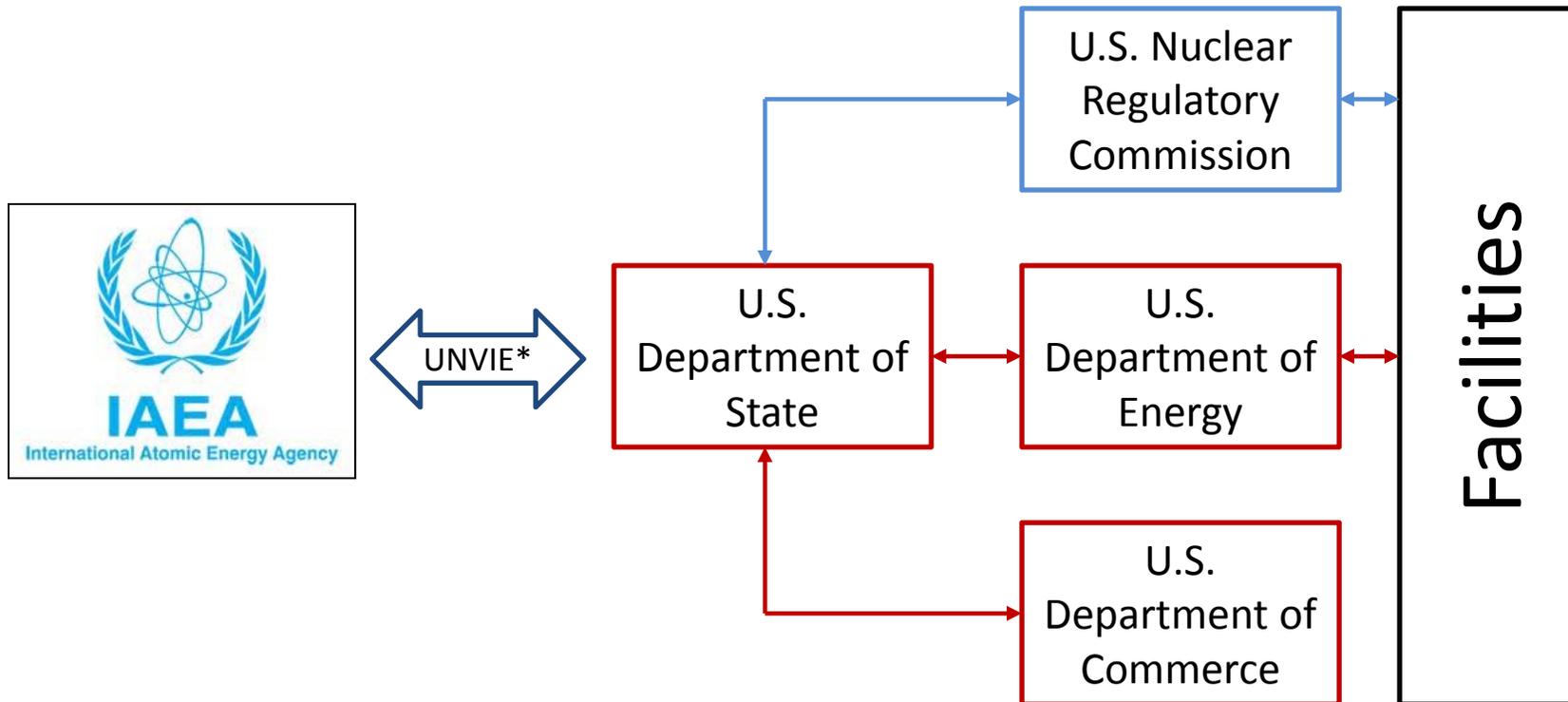
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U.S. – IAEA Reporting



* UNVIE is the United States Mission to International Organizations in Vienna



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Role of IPCs and sub-IPCs



- The sub-IPC responsible for the day-to-day interagency analysis, generation of courses of action, policy development, coordination, resource determination, and policy implementation planning for the U.S. Government
 - Set overarching nonproliferation goals and priorities
 - Develop an interagency strategic plan to achieve those goals and priorities
 - Identify and assign missions and responsibilities to appropriate agencies
 - Coordinate program execution
 - Resolve differences of opinions between agencies



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Role of SISM



- Tasked with developing and coordinating U.S. policy on all aspects of the IAEA's safeguards and monitoring programs.
 - Develop and coordinate U.S. policy on the nature and scope of IAEA safeguards for verification of unilateral offers, bilateral obligations and multilateral treaties.
 - Develop and coordinate U.S. positions and statements on safeguards issues to be considered by the IAEA Board of Governors.
 - Develop and coordinate U.S. views on the IAEA Safeguards Implementation Report (SIR) and on the Safeguards Criteria on which it is based.
 - Contribute to and coordinate U.S. views on the Standing Advisory Group on Safeguards Implementation (SAGSI), its role and work program and the issues before it.
 - Ensure appropriate U.S. preparation for and participation in consultations with other countries on IAEA safeguards and monitoring.
 - Monitor for continued adequacy the safeguards and safeguards R&D progress for facilities subject to U.S. agreements for peaceful nuclear cooperation and ensure the adequacy of safeguards concepts and planned safeguards for facilities expected to become subject to these agreements.



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Role of SISUS



- The tasks of SISUS include coordinating and monitoring activities of relevant U.S. Agencies regarding the implementation of:
 - (1) The U.S.-IAEA Safeguards Agreement
 - (2) The U.S.-IAEA Additional Protocol
 - (3) additional U.S. undertakings as may be appropriate

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Examples of SISUS Specific Activities



- Update of the U.S. Eligible Facilities List
- Preparation of Annual Update to the U.S. Additional Protocol declarations
- Preparation of Quarterly U.S. Additional Protocol Export declarations
- Support on-site activities by the IAEA
- Resolving questions raised by the IAEA
- Ensure NMMSS reporting actions satisfy IAEA Safeguards Agreement



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– SISUS Members

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