

**OFFICE OF STATE AND TRIBAL PROGRAMS STATE AGREEMENTS PROCEDURES  
TEMPORARY INSTRUCTION 001**

**INTEGRATION OF INCREASED CONTROLS INTO THE INTEGRATED  
PERFORMANCE EVALUATION PROGRAM (IMPEP)**

**I. INTRODUCTION**

This document describes the process used by the U.S. Nuclear Regulatory Commission (NRC) to evaluate the implementation of increased controls in NRC Regional materials programs and Agreement States in response to the Commission's approval of the Transition Plan through the Integrated Materials Performance Evaluation Program (IMPEP).

**II. OBJECTIVES**

- A. To supplement criteria and guidance found in NRC Management Directive (MD) 5.6, *Integrated Materials Performance Evaluation Program (IMPEP)*, and applicable Office of State and Tribal Programs (STP) State Agreements procedures.
- B. To expand IMPEP's existing common and non-common performance indicators to incorporate increased control requirements into the evaluation of an NRC Regional materials program's or Agreement State's adequacy and/or compatibility determination.
- C. To provide additional guidance to IMPEP team members for reviewing applicable performance indicators affected by the implementation of increased controls.

**III. BACKGROUND**

In an effort to increase the control of certain radioactive materials, the Commission approved an approach to implement increased controls for NRC and Agreement State licensees authorized to possess radioactive materials in quantities of concern. The increased controls for certain licensees are mandated under the NRC's statutory authority to protect public health and safety. The implementation of the increased controls will be carried out by NRC Regional materials programs and Agreement States for their licensees as an immediate mandatory matter of compatibility.

Pursuant to Section 274j(1) of the Atomic Energy Act (Act), as amended, the Commission holds the authority to periodically review the adequacy of a State's ability to protect public health and safety under its Agreement with the Commission. The Commission holds the same authority for review of the adequacy of the NRC Regional

materials programs to protect public health and safety. The NRC uses IMPEP to evaluate the adequacy of an NRC Regional materials program's or State's ability to protect public health and safety. For Agreement States, compatibility to NRC's program is also evaluated. IMPEP reviews are conducted in accordance with MD 5.6 and applicable STP procedures.

#### **IV. RESPONSIBILITIES**

##### **A. Team Leader**

The team leader for the Regional or Agreement State review will assign lead review responsibility for each of the applicable indicators. The principal reviewer should meet the appropriate requirements, as specified in MD 5.10, *Formal Qualifications for Integrated Materials Performance Evaluation Program (IMPEP) Team Members* or in other parts of this Temporary Instruction (TI). In addition to meeting the qualification requirements for the principal reviewer for Technical Quality of Inspections found in MD 5.10, the team member performing inspector accompaniments as part of the IMPEP review must have taken and passed the NRC Security Inspections Course or alternate training if accompanying an inspector on an inspection of a licensee subject to increased controls. Alternate training in this instance includes in-house training programs in an Agreement State or NRC Regional office.

##### **B. Principal Reviewer**

The principal reviewer is responsible for reviewing all assigned indicators in accordance with MD 5.6, applicable STP Procedures, and the additional guidance in this TI.

#### **V. GUIDANCE**

##### **A. Technical Staffing and Training**

1. In addition to the guidance found in STP Procedure SA-103, *Reviewing Common Performance Indicator #3, Technical Staffing and Training*, the reviewer should verify and document the following:
  - a. Agreement State or NRC Regional staff inspecting licensees subject to increased controls have passed the NRC Security Inspections Course or alternate training. Alternate training in this instance includes in-house training programs in an Agreement State or NRC Regional office. If an Agreement State or NRC Region chooses to provide an in-house training alternative to the NRC Security Inspections Course, the date and scope of the training should be documented and available for the on-site portion of the IMPEP review; and,

- b. Staff inspecting licensees subject to increased controls are qualified to independently inspect the applicable category of licensee.

B. Status of the Materials Inspection Program

- 1. In addition to the guidance found in STP Procedure SA-101, *Reviewing the Common Performance Indicator, Status of the Materials Inspection Program*, the reviewer should evaluate and document the following:
  - a. All licensees subject to increased controls are identified;
  - b. The Agreement State or NRC Regional materials program has developed and implemented a documented and auditable prioritization methodology for ranking licensees for inspections of increased controls that is consistent with the prioritization guidance developed by the NRC; and,
  - c. Inspections of licensees required to implement increased controls are timely with respect to established implementation dates for the requirements.
    - i. Higher-risk licensees identified through the prioritization, mentioned above, should be inspected within the first year after implementation of the requirements.
    - ii. All initial increased controls inspections should be completed within three years from the date of implementation of the controls.
    - iii. After initial inspections are completed, affected licensees should be inspected at intervals consistent with NRC Inspection Manual Chapter 2800 or the respective Agreement State equivalent.

C. Technical Quality of Inspections

- 1. In addition to the guidance found in STP Procedure SA-102, *Reviewing the Common Performance Indicator, Technical Quality of Inspections*, the reviewer should verify and document the following:
  - a. Increased controls were addressed in applicable inspections;
  - b. Licensee implementation of increased controls is documented in applicable inspection reports; and,
  - c. Sensitive licensee information maintained or possessed by the Agreement State or NRC Regional materials program and their licensees is properly controlled.

2. In addition to the guidance for inspector accompaniments of NRC Regional or Agreement State inspectors as part of an IMPEP review found in Section V.F. of STP Procedure SA-102, *Reviewing the Common Performance Indicator, Technical Quality of Inspections*, the principal reviewer of alternate team member should ensure that approximately 25 percent of the inspector accompaniments performed involve licensees subject to increased controls, if possible.

D. Technical Quality of Licensing Actions

1. In addition to the guidance found in STP Procedure SA-104, *Reviewing the Common Performance Indicator, Technical Quality of Licensing Actions*, the reviewer should evaluate and document the following:
  - a. All licensees meeting the criteria to implement increased controls have been identified, and a system is in place to readily identify new licensees that should be subject to increased controls; and,
  - b. Legally-binding requirements are imposed, as appropriate, and their incorporation into affected licenses was timely in accordance with the Transition Plan.

E. Technical Quality of Incident and Allegation Activities

1. The initial response and timeliness of reporting attempted thefts, actual thefts, and/or sabotage by the NRC Regional materials program or Agreement State should be evaluated based on the guidance in STP Procedure SA-105, *Reviewing Common Performance Indicator #5, Response to Incidents and Allegations*, and STP Procedure SA-300, *Reporting Materials Events*.

F. Compatibility Requirements

1. In addition to the guidance found in STP Procedure SA-107, *Reviewing the Non-Common Performance Indicator, Compatibility Requirements*, the reviewer should verify and document the following:
  - a. Rules or alternate legally-binding requirements have been developed and implemented;
  - b. Adoption or issuance was timely; and,
  - c. Rules or alternate legally-binding requirements have been submitted to the NRC for review.

G. Sealed Source and Device Evaluation Program

1. No additional guidance has been identified for this indicator at this time. The reviewer should perform the review based on the guidance in STP Procedure SA-108, *Reviewing the Non-Common Performance Indicator, Sealed Source and Device Evaluation Program*.

H. Low-Level Radioactive Waste Disposal Program

1. No additional guidance has been identified for this indicator at this time. The reviewer should perform the review based on the guidance in STP Procedure SA-109, *Reviewing the Non-Common Performance Indicator, Low-Level Radioactive Waste Disposal Program*.

I. Uranium Recovery Program

1. No additional guidance has been identified for this indicator at this time. The reviewer should perform the review based on the guidance in STP Procedure SA-109, *Reviewing the Non-Common Performance Indicator, Uranium Recovery Program*.

J. Regional Fuel Cycle Inspection Program

1. No additional guidance has been identified for this indicator at this time. The program under review should be evaluated based on the criteria for this indicator in MD 5.6.

K. Site Decommissioning Management Plan

1. No additional guidance has been identified for this indicator at this time. The program under review should be evaluated based on the criteria for this indicator in MD 5.6.

**VI. APPENDICES**

Reserved.

**VII. REFERENCES**

1. Management Directive 5.6, *Integrated Materials Performance Evaluation Program (IMPEP)*.
2. Management Directive 5.10, *Formal Qualifications for Integrated Materials Performance Evaluation Program (IMPEP) Team Members*.
3. STP Procedure SA-101, *Reviewing the Common Performance Indicator, Status of the Materials Inspection Program*.
4. STP Procedure SA-102, *Reviewing the Common Performance Indicator, Technical Quality of Inspections*.
5. STP Procedure SA-103, *Reviewing Common Performance Indicator #3, Technical Staffing and Training*.
6. STP Procedure SA-104, *Reviewing the Common Performance Indicator, Technical Quality of Licensing Actions*.
7. STP Procedure SA-105, *Reviewing Common Performance Indicator #5, Response to Incidents and Allegations*.
8. STP Procedure SA-107, *Reviewing Non-Common Performance Indicator #1, Legislation and Program Elements Required for Compatibility*.
9. STP Procedure SA-108, *Reviewing the Non-Common Performance Indicator, Sealed Source and Device Evaluation Program*.
10. STP Procedure SA-109, *Reviewing the Non-Common Performance Indicator, Low-Level Radioactive Waste Disposal Program*.
11. STP Procedure SA-109, *Reviewing the Non-Common Performance Indicator, Uranium Recovery Program*.
12. STP Procedure SA-300, *Reporting Materials Events*.