



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

May 5, 2022

ALL AGREEMENT STATES, CONNECTICUT, INDIANA

ISSUANCE OF MATERIALS INSPECTION PROCEDURES ASSOCIATED WITH INSPECTION  
MANUAL CHAPTER 2800 - MATERIALS INSPECTION PROGRAM (STC-22-028)

**Purpose:** To inform the Agreement States of the issuance of ten new or revised inspection procedures (IPs) issued by the Office of Nuclear Material Safety and Safeguards (NMSS) associated with Inspection Manual Chapter (IMC) 2800, "Materials Inspection Program" on April 26, 2022. These IPs are a program element that are a matter of compatibility for the Agreement States and this letter provides additional information resulting from the Standing Committee on Compatibility (SCC) review.

**Background:** The U.S. Nuclear Regulatory Commission (NRC) formed a working group composed of NRC and Agreement State members to revise the routine IPs to incorporate more risk and performance insights into the materials inspection program. This effort benefits from extensive inspection experience of the NRC and Agreement States members and is using previous materials inspection information, including enforcement issues, to support the changes being made during the Phase 3 activities. This working group already shared via letter RCPD-21-006 these first set of IPs, to provide the Agreement States an opportunity for review and comment on the draft guidance.

**Discussion:** The working group for IMC 2800 Phase 3 revised routine IPs to incorporate additional risk and performance insights into this program benefiting from extensive inspection experience and previous materials inspection information, including enforcement information, operational experience over the years. The working group has finalized the first ten IPs, which were issued on April 26, 2022, with an effective date of May 16, 2022, for the NRC staff. The new or revised IPs are now posted in the agency's [Inspection Procedures webpage](#). Below the ten recently issued procedures with associated Agencywide Documents Access and Management System (ADAMS) Accession numbers.

- IP 87123, "Well Logging and Tracer Study Programs" (ML22062B654)
- IP 87124, "Fixed Gauge Programs" (ML22046A218)
- IP 87126, "Broad Scope Academic and R&D Programs" (ML22046A277)
- IP 87130, "Nuclear Medicine Programs" (ML22063A454)
- IP 87139, "Portable Gauge Programs" (ML22048A181)
- IP 87140, "Source, Special Nuclear Material and Other Alpha Emitter Use Programs" (ML22048C210)

- IP 87141, "Limited Scope Academic and R&D Programs Including Animal Use" (ML22053A005)
- IP 87142, "Sealed Sources and Devices (Other) (Those Used in Measuring Systems, Analytical Instruments, Calibration and Checking of Instruments, and Similar Purposes)" (ML22053A019)
- IP 87143, "Self-Shielded Irradiator and Calibrator Devices" (ML22053A100)
- IP 87144, "Veterinary Use Programs" (ML22053A244)

Results from the Standing Committee on Compatibility Review:

The staff provided the IPs to the SCC for their review and compatibility determination. The Committee's review was conducted in accordance with the "Agreement State Program Policy Statement" (82 FR 48535); October 18, 2017, and the categorization process for NRC program elements in NRC Management Directive 5.9 "Adequacy and Compatibility of Program Elements for Agreement State Programs."

The Committee made the following determinations:

1. That IPs are a program element that are a matter of compatibility, i.e., designated as Compatibility Category C.
2. That the essential objective is stated in Section 01.01 of each procedure. i.e., "To determine if licensed activities are being conducted in a manner that will protect the health and safety of workers and the general public." For the Agreement States to implement this essential objective, their IPs should provide sufficient guidance and be of sufficient scope for an inspector to make that health and safety determination. The risk-informed, performance-based approach incorporated into these revisions of the procedures will serve to efficiently focus the activities of the inspector on the most risk significant aspects for each type of licensed activity.
3. That the implementation date for the Agreement States be extended to 1-year from the issuance of the letter transmitting the final procedures.

The Committee made the following recommendations:

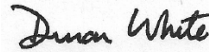
1. That the letter transmitting the final procedures to the Agreement States contains the Committees' determinations as stated above.
2. That the working group communicate to the Agreement States practical advice or guidance as to what and how they need to adopt to maintain a compatible inspection program.
3. The additional IPs revised by the Phase 3 Materials Inspection Program working group do not require Committee review provided that recommendations 1) and 2) are followed.

The Committee determined that the IPs continue to be a matter of compatibility under the Inspection program element. These procedures continue to be designated as Compatibility Category C. In accordance with NRC Management Directive 5.9 and the determinations from the Committee, the adoption of these procedures by the Agreement States is required within 12 months of the date of this STC letter.

If you have any questions regarding this communication, please contact the individual named below:

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White, Alfred signing on behalf  
of Anderson, Brian  
on 05/05/22

Brian C. Anderson, Chief  
State Agreement and Liaison Programs  
Division of Materials Safety, Security, State  
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Office of Nuclear Material Safety  
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(STC-22-028) ISSUANCE OF MATERIALS INSPECTION PROCEDURES ASSOCIATED WITH  
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