

COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF WASTE, AIR, RADIATION AND REMEDIATION  
BUREAU OF RADIATION PROTECTION  
HARRISBURG, PA 17101

September 6, 2018

BRP INFORMATION NOTICE 2018-02 NATIONAL TERRORISM ADVISORY SYSTEM AND  
PROTECTIVE MEASURES FOR THE PHYSICAL  
PROTECTION OF CATEGORY 1 AND CATEGORY 2  
QUANTITIES OF RADIOACTIVE MATERIALS

**ADDRESSEES**

All Pennsylvania Department of Environmental Protection (DEP) Specific Licensees that authorize possession of Category 1 and Category 2 quantities of radioactive material.

**PURPOSE**

The DEP is issuing this Information Notice (IN) based on NRC Regulatory Issue Summary (RIS) 2018-03, to assist licensees in providing information that addressees may wish to consider in the event that Department of Homeland Security (DHS) issues a National Terrorism Advisory System (NTAS) Alert.

**DISCUSSION**

In March of 2002, President George W. Bush created the Homeland Security Advisory System (HSAS). This HSAS was a color graded advisory system to alert the public of the risk of a terrorist attack. The HSAS was replaced by the National Terrorism Advisory System (NTAS) in January of 2011 by President Barack Obama, reaffirming the need for a strong and effective national level threat advisory system. The NTAS has 2 threat levels "Elevated Alert" and "Imminent Alert". Based on these threat levels and in coordination with the NRC Materials Program Working Group and other stakeholders, 10 CFR Part 37 regulations were published in December of 2011. The regulations became effective for DEP licensees on March 18, 2016. The NRC recommends that licensees in possession of Category 1 and Category 2 quantities of radioactive materials maintain awareness of the NTAS Alert levels, and should consider information found in Enclosures 2 and 3 of the attached RIS. This RIS provides information to licensees that should be considered in the event that the DHS issues a NTAS alert and requires no action or written response.

**CONTACT**

This Information Notice requires no specific action or response. If you have any questions about the information in this notice, please contact the Radiation Control Division at 717-787-3720.

Issued By:  
David J. Allard, CHP, Director  
Bureau of Radiation Protection

Attachment: NRC Regulatory Issue Summary 2018-03 and Enclosures

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS  
OFFICE OF NUCLEAR REACTOR REGULATION  
OFFICE OF NEW REACTORS  
WASHINGTON, DC 20555

June 1, 2018

**NRC REGULATORY ISSUE SUMMARY 2018-03  
NATIONAL TERRORISM ADVISORY SYSTEM AND PROTECTIVE MEASURES FOR THE  
PHYSICAL PROTECTION OF CATEGORY 1 AND CATEGORY 2 QUANTITIES OF  
RADIOACTIVE MATERIAL**

**ADDRESSEES**

All holders of a U.S. Nuclear Regulatory Commission (NRC) license that authorizes possession of category 1 and category 2 quantities of radioactive material, NRC Master Materials Licensees, Agreement State Radiation Control Program Directors, and State Liaison Officers.

All holders of an operating license or construction permit for a nuclear power reactor under Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50, "Domestic Licensing of Production and Utilization Facilities," including those that have permanently ceased operations and have certified that fuel has been permanently removed from the reactor vessel.

All holders of an operating license for a non-power reactor (research reactor, test reactor, critical assembly, or other non-power production and utilization facilities) under 10 CFR Part 50, including those that have permanently ceased operations.

All holders of a power reactor early site permit, combined license, standard design approval, or manufacturing license under 10 CFR Part 52, "Licenses, Certifications, and Approvals for Nuclear Power Plants."

All holders of a license under 10 CFR Part 70, "Domestic Licensing of Special Nuclear Material," that are required to have a security plan under 10 CFR Part 73, "Physical Protection of Plants and Materials," including licensees authorized to possess formula quantities of special nuclear material (SNM), licensees authorized to possess SNM of moderate strategic significance, and licensees authorized to possess SNM of low strategic significance.

All holders of a license under 10 CFR Part 72, "Licensing Requirements for the Independent Storage of Spent Nuclear Fuel, High-Level Radioactive Waste, and Reactor-Related Greater Than Class C Waste."

**NOTICE:** The enclosures of this RIS contain Security-Related Information. Upon separation from the enclosures, this RIS is DECONTROLLED.

ML17268A282

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**INTENT**

The NRC is issuing this regulatory issue summary (RIS) to provide information on the U.S. Department of Homeland Security's (DHS's) National Terrorism Advisory System (NTAS) to licensees who are authorized to possess category 1 and category 2 quantities of radioactive material that are listed in Appendix A, "Category 1 and Category 2 Radioactive Materials," to 10 CFR Part 37, "Physical Protection of Category 1 and Category 2 Quantities of Radioactive Material." This RIS provides information that addressees may wish to consider in the event that DHS issues an NTAS alert.

This RIS supersedes RIS 2002-12L, Revision 1, "Panoramic and Underwater Irradiators NRC Threat Advisory and Protective Measures System," dated August 24, 2011<sup>1</sup>; RIS 2002-12M, Revision 1, "Manufacturing and Distribution Licensees NRC Threat Advisory and Protective Measures System," dated August 24, 2011<sup>2</sup>; and RIS 2005-12, Revision 1, "Transportation of Radioactive Material Quantities of Concern NRC Threat Advisory and Protective Measures System," dated August 24, 2011<sup>3</sup>. This RIS requires no action or written response on the part of any addressee, and it does not impose new regulatory requirements on NRC licensees.

**BACKGROUND**

On March 11, 2002, President George W. Bush signed Homeland Security Presidential Directive (HSPD)-3, creating the Homeland Security Advisory System (HSAS). The HSAS was a graduated, color-coded threat advisory system to alert government authorities at all levels, private-sector stakeholders, and the general public about the risk of terrorist attacks. The HSAS consisted of five levels, ranging from the lowest threat level, "Green," to the most severe, "Red." Based on HSPD-3, the NRC issued a series of RISs<sup>4</sup> to inform NRC licensees of the descriptions of the various threat advisory conditions and to inform NRC licensees about the preplanning of graded protective measures to respond to changes in the threat environment.

On January 26, 2011, President Barack Obama issued Presidential Policy Directive (PPD)-7, "National Terrorism Advisory System," dated January 26, 2011 (Enclosure 1 to this RIS). PPD-7 reaffirmed the need for a strong, effective national-level advisory system and directed DHS to establish a new threat advisory system to replace the HSAS.

The National Terrorism Advisory System (NTAS) has replaced the previous color-coded threat levels with a two-tiered advisory system designed to provide timely and relevant terrorist threat information to affected government, private-sector, and public stakeholders, as appropriate and in accordance with classification levels. The NTAS's two threat levels are "Elevated Alert" and "Imminent Alert."

In the changed threat environment after the attacks of September 11, 2001, the Commission determined that certain licensed material should be subject to enhanced security requirements,

<sup>1</sup> Agencywide Documents Access and Management System (ADAMS) Accession No. ML11189A109

<sup>2</sup> ADAMS Accession No. ML11189A115

<sup>3</sup> ADAMS Accession No. ML11189A072

<sup>4</sup> RIS 2002-12A through RIS 2002-12M:  
(<https://www.nrc.gov/reading-rm/doc-collections/gen-comm/reg-issues/2002/>)  
RIS 2005-12, Rev. 1 (ADAMS Accession No. ML11189A072)

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and that individuals with unescorted access to risk-significant quantities of certain radioactive material should be subject to background investigations. As part of the development of the enhanced security measures for this licensed material, the NRC performed threat and vulnerability assessments. The purpose of these assessments was to identify gaps or vulnerabilities in security and the effectiveness and costs of certain physical protection enhancements at various licensed facilities. The agency used the results of these assessments to develop enhanced security requirements that were issued to licensees via orders, using a graded approach based on the relative risk and quantity of material possessed by the licensee.

Generically applicable requirements are most effectively implemented through rulemaking rather than by orders. Therefore, the NRC developed a rule for enhanced security for category 1 and category 2 quantities of radioactive material. In developing this rule, the NRC considered, among other things, the various orders, lessons learned during implementation of the orders, recommendations of an independent external review panel and the Materials Program Working Group, and stakeholder comments received on the proposed rule and draft implementation guidance. In SECY-11-0170, "Final Rule: Physical Protection of Byproduct Material (RIN 3150-A112)," dated December 8, 2011 (ADAMS Accession No. ML112920070), the NRC staff requested Commission approval to publish a final rule in the *Federal Register* that would add a new 10 CFR Part 37. The final rule established security requirements for the commercial use of category 1 and category 2 quantities of radioactive material and for the transportation of small quantities of irradiated fuel. In SRM-SECY-11-170, "Final Rule: Physical Protection of Byproduct Material (RIN 3150-A112)," dated March 16, 2012 (ADAMS Accession No. ML120760457), the Commission approved issuance of 10 CFR Part 37 to enhance the security measures for category 1 and category 2 quantities of radioactive material. The NRC published the final rule in the *Federal Register* on March 19, 2013 (78 FR 16921). The new 10 CFR Part 37, which NRC licensees were required to comply with by March 19, 2014, established physical security requirements for the possession and use of category 1 and category 2 quantities of radioactive material that are listed in Appendix A to 10 CFR Part 37.

**SUMMARY OF ISSUE**

In the NTAS advisory system, an "Elevated Alert" threat level warns of a credible terrorist threat against the United States and its territories that is general in both timing and target, or the alert details significant trends and developments in terrorism such that it is reasonable to recommend the implementation of protective measures to thwart or mitigate an attack.

An "Imminent Alert" warns of a credible, specific, and impending terrorist threat against the United States and its territories and recommends the implementation of protective measures to thwart or mitigate an attack.

The NRC recommends that licensees in possession of category 1 and category 2 quantities of radioactive material as listed in Appendix A to 10 CFR Part 37 maintain awareness of the NTAS. The NRC further recommends that, following an NTAS alert, these licensees should consider the information found in Enclosures 2 and 3 of this RIS.

The NRC notes that licensees required to implement a physical security plan in accordance with paragraph (a) of 10 CFR 73.55, "Requirements for physical protection of licensed activities in nuclear power reactors against radiological sabotage," are also required under

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10 CFR 73.55(k)(10) to establish, maintain, and implement a threat warning system. These licensees may wish to use the information in this RIS to revise their existing threat warning system.

**BACKFITTING AND ISSUE FINALITY**

This RIS provides information to licensees that should be considered in the event that DHS issues an NTAS alert. This RIS requires no action or written response. Inclusion of the information described in this RIS on the part of addressees in communications otherwise required under NRC regulations is strictly voluntary. Therefore, this RIS does not represent backfitting as defined in 10 CFR 50.109(a)(1), 10 CFR 70.76(a)(1), or 10 CFR 72.62(a), nor is it otherwise inconsistent with any issue finality provision in 10 CFR Part 52. Consequently, the NRC staff did not perform a backfit analysis for this RIS or further address the issue finality criteria in Part 52.

**FEDERAL REGISTER NOTIFICATION**

The NRC did not publish in the *Federal Register* a notice of opportunity for public comment on this RIS due to the security-related information contained within the RIS. The NRC did provide the RIS for comment to the Agreement State Radiation Control Program Directors and to the Nuclear Energy Institute. The staff considered all comments, which resulted in minor clarifications to Enclosure 3 of the RIS.

**CONGRESSIONAL REVIEW ACT**

This RIS is not a rule as defined in the Congressional Review Act (5 U.S.C. §§ 801–808).

**PAPERWORK REDUCTION ACT STATEMENT**

This RIS does not contain new or amended information collection requirements that are subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). The Office of Management and Budget (OMB) approved existing requirements under approval numbers 3150-0214 and 3150-0002.

**Public Protection Notification**

The NRC may not conduct or sponsor, and a person is not required to respond to, a request for information or an information collection requirement unless the requesting document displays a currently valid OMB control number.

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**CONTACTS**

This RIS requires no specific action or written response. If you have any questions about this summary, please contact the technical contact listed below or the appropriate regional office.

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Office of Nuclear Material Safety  
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Division of Inspection  
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Office of Nuclear Reactor Regulation

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**Enclosures:**

1. PPD-7, "National Terrorism Advisory System"
2. Threat Alerts and Specific Actions for the Physical Protection of Category 1 and Category 2 Quantities of Radioactive Material
3. Threat Alerts and Specific Actions for the Transportation of Category 1 and Category 2 Quantities of Radioactive Material and Irradiated Reactor Fuel Less Than or Equal to 100 Grams (per 10 CFR 73.35)

**Note:** NRC generic communications may be found on the NRC public Web site, <http://www.nrc.gov/reading-rm/doc-collections/gen-comm/>, under NRC Library/Document Collections. Enclosures will not be released to the public because they contain Official Use Only—Security-Related Information.

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**NRC REGULATORY ISSUE SUMMARY 2018-03, "NATIONAL TERRORISM ADVISORY SYSTEM AND PROTECTIVE MEASURES FOR THE PHYSICAL PROTECTION OF CATEGORY 1 AND CATEGORY 2 QUANTITIES OF RADIOACTIVE MATERIAL, DATE: June 1, 2018**

ADAMS Package Accession No.: ML17268A282; \*via email

EPID: L-2016-CRS-0005

OFFICE	NSIR/DPCP/ MWSB*	NSIR/DSO/SOSB*	NSIR/DPCP/ MWSB:BC*	NSIR/DSO/SOSB:BC*	NSIR/DPCP:DD*	NSIR/DPR:DD*
NAME	DWhite	CGrigsby	TMossman	DHuyck	DCurtis	SCoffin
DATE	10/4/17	10/4/17	10/6/17	10/4/17	10/18/17	10/20/17
OFFICE	NSIR/DSO:DD*	NMSS/DSFM:DD*	NMSS/FCSE:DD*	NMSS/DUWP:D*	NRR/DORL:D*	NRR/DMPS/RISB*
NAME	APretzello	AHsia	BSmith	JTappert	ABoland	LHill
DATE	10/10/17	10/20/17	10/18/17	10/20/17	10/18/17	10/12/17
OFFICE	OE*	OCIO*	OGC*	NRR/DIRS/IRGB	NRR/DIRS/IRGB	NRR/DIRS/IRGB:BC
NAME	DFurst	DCullison	PJehle	ELee	TMensah	HChernoff (w/comment)
DATE	10/18/17	10/20/17	01/02/18	03/09/18	03/20/18	04/30/18
OFFICE	NMSS/MSST:D	NSIR/DSO:D	NRO/DCIP:D	NRR/DIRS:D		
NAME	AKock (A) (TClark for)	MBailley	TMcGinty (PKrohn for)	CMiller		
DATE	06/01/18	05/01/18	05/01/18	05/24/18		

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THE WHITE HOUSE

WASHINGTON

PRESIDENTIAL POLICY DIRECTIVE/PPD-

MEMORANDUM FOR THE VICE PRESIDENT

THE SECRETARY OF STATE  
THE SECRETARY OF THE TREASURY  
THE SECRETARY OF DEFENSE  
THE ATTORNEY GENERAL  
THE SECRETARY OF COMMERCE  
THE SECRETARY OF TRANSPORTATION  
THE SECRETARY OF ENERGY  
THE SECRETARY OF HOMELAND SECURITY  
ASSISTANT TO THE PRESIDENT AND CHIEF OF STAFF  
ASSISTANT TO THE PRESIDENT AND SENIOR ADVISOR  
NATIONAL SECURITY ADVISOR  
DIRECTOR OF NATIONAL INTELLIGENCE  
DIRECTOR OF THE FEDERAL BUREAU OF INVESTIGATION  
DIRECTOR OF THE CENTRAL INTELLIGENCE AGENCY  
CHAIRMAN OF THE JOINT CHIEFS OF STAFF  
ADMINISTRATOR, FEDERAL AVIATION ADMINISTRATION  
CHAIRMAN, NUCLEAR REGULATORY COMMISSION  
DIRECTOR, NATIONAL SECURITY AGENCY  
DIRECTOR, DEFENSE INTELLIGENCE AGENCY  
DIRECTOR, NATIONAL COUNTERTERRORISM CENTER

SUBJECT: National Terrorism Advisory System

Purpose

To enhance the security of the American public by reaffirming the need for a strong and effective Homeland Security Advisory System (HSAS), hereinafter referred to as the National Terrorism Advisory System (NTAS).

Policy

There shall be established an NTAS with the following guiding principles:

- A system in which the American public can have confidence;



- Advisories that contain clear and concise language, readily understandable by the American public;
- Advisories that contain as detailed information as possible, without jeopardizing sources, collection methods, or an active disruption effort or investigation;
- Advisories that identify protective measures, where appropriate, that are tailored to specific sectors across the country, to include components of the Federal Government; State, local, and tribal government entities; critical infrastructure entities; and selected private sector partners;
- Advisories that have a set duration, where the information is regularly reevaluated; and
- A system that is consistent and agile, where the advisories are capable of being raised or lowered quickly and efficiently.

**Requirement**

Within 30 days of the date of this directive, the Secretary of Homeland Security is directed to identify an office to manage the NTAS consistent with the policy described above. The Secretary of Homeland Security shall coordinate NTAS implementation with Federal departments and agencies with a homeland security role, in consultation with other stakeholders, and the NTAS shall be implemented within 90 days of the date of this directive.

**Rescission of Homeland Security Presidential Directive-3**

Upon implementation of the new NTAS, Homeland Security Presidential Directive-3, signed March 11, 2002, is rescinded.

**Threat Alerts and Specific Actions for the Physical Protection of Category 1 and Category 2 Quantities of Radioactive Material**

<b>National Terrorism Advisory System (NTAS) Threat Alert</b>	<b>Licensee Protective Measures for NTAS Threat Levels</b>
<p><b>Elevated Alert</b> Credible terrorist threat, generally in both timing and target.</p> <ol style="list-style-type: none"> <li>1. Provide the public with necessary information.</li> <li>2. Increase surveillance of critical locations.</li> <li>3. Activate emergency plans with nearby jurisdictions.</li> <li>4. Assess further refinement of protective measures within the context of the current threat information.</li> <li>5. Implement, as appropriate, contingency and emergency response plans.</li> <li>6. Coordinate necessary security efforts with armed forces or law enforcement agencies.</li> </ol>	<p>Licensees must meet the requirements in 10 CFR Part 37 for the protection of an aggregated category 1 or category 2 quantity of radioactive material. In addition to the requirements in 10 CFR Part 37, licensees may wish to consider implementing the following protective measures during an NTAS "Elevated Alert" condition:</p> <ol style="list-style-type: none"> <li>I-1. Actively monitor the situation and brief management on changes to the threat environment and the need for increased vigilance.</li> <li>I-2. Communicate the change in the threat condition to local law enforcement agencies (LLEAs) and public officials (as appropriate) based on existing procedures.</li> <li>I-3. Terminate all nonessential construction and maintenance activities.</li> <li>I-4. Verify the operation of communications with LLEAs and State and Federal agencies as appropriate.</li> <li>I-5. Limit vehicle access to entry ways that lead to the facility (e.g., local roads, driveways, parking lots).</li> <li>I-6. Increase the security of specialty tools and essential operations, as appropriate.</li> <li>I-7. Implement a two-person (line-of-sight) rule for persons entering temporary security zone(s).</li> <li>I-8. Conduct an after-action review to evaluate how the current response plans addressed the threat and adjust the protective measures, as appropriate.</li> </ol>

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<b>National Terrorism Advisory System (NTAS) Threat Alert</b>	<b>Licensee Protective Measures for NTAS Threat Levels</b>
<p><b>Imminent Alert</b> Credible, specific, and impending terrorist threat. In addition to the above:</p> <ol style="list-style-type: none"> <li>1. Assign emergency response personnel and preposition specially trained teams.</li> <li>2. Increase or redirect personnel to address critical emergency needs.</li> </ol>	<p>Licensees must meet the requirements in 10 CFR Part 37 for the protection of an aggregated category 1 or category 2 quantity of radioactive material. In addition to the protective measures listed above during a NTAS "Elevated Alert" condition, licensees may also wish to consider implementing the following protective measures during a NTAS "Imminent Alert" condition:</p> <ol style="list-style-type: none"> <li>II-1. Review actions taken under a NTAS "Elevated Alert" condition in light of the current threat situation and consider the need to revise.</li> <li>II-2. Strengthen or enlarge security zone perimeters.</li> <li>II-3. Place emergency personnel on standby and prepare to implement contingency and emergency response plans.</li> <li>II-4. Request offsite support, including LLEAs, state agencies, and Federal resources, as applicable.</li> <li>II-5. Restrict vehicular access to entry ways that lead to the facility (e.g., local roads, driveways, parking lots), as appropriate.</li> <li>II-6. Allow only those vehicles on essential operational duties to enter the facility.</li> <li>II-7. Restrict facility access to essential personnel only.</li> <li>II-8. Contact the NRC Operations Center (301-816-5100) if you have questions regarding implementation of additional security measures.</li> <li>II-9. Implement a two-person (line-of-sight) rule for persons entering the security zone(s) upon the existence of a specific credible insider threat.</li> <li>II-10. Conduct an after-action review to evaluate how the current response plans addressed the threat and adjust the protective and compensatory measures as appropriate.</li> </ol>

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**Threat Alerts and Specific Actions for the Transportation of Category 1 and Category 2 Quantities of Radioactive Material and Irradiated Reactor Fuel Less Than or Equal to 100 Grams (per 10 CFR 73.35)**

<b>National Terrorism Advisory System (NTAS) Threat Alert</b>	<b>Licensee Protective Measures for NTAS Threat Levels</b>
<p><b>Elevated Alert</b> Credible terrorist threat, generally in both timing and target.</p> <ol style="list-style-type: none"> <li>1. Provide the public with necessary information.</li> <li>2. Increase surveillance of critical locations.</li> <li>3. Activate emergency plans with nearby jurisdictions.</li> <li>4. Assess further refinement of protective measures within the context of the current threat information.</li> <li>5. Implement, as appropriate, contingency and emergency response plans.</li> <li>6. Coordinate necessary security efforts with armed forces or law enforcement agencies.</li> </ol>	<p><b><u>For Transportation of Category 1 Quantities of Radioactive Material and Irradiated Reactor Fuel Less Than or Equal to 100 Grams</u></b></p> <p>Licensees must meet the requirements in 10 CFR Part 37 for the protection of an aggregated category 1 or category 2 quantity of radioactive material. In addition to the requirements in 10 CFR Part 37, licensees may wish to consider implementing the following protective measures during a NTAS "Elevated Alert" condition:</p> <ol style="list-style-type: none"> <li>I-1. Brief management on changes to the threat environment and the need for increased vigilance.</li> <li>I-2. As part of the advance notification requirements in 10 CFR 37.77, notify the Governor or the Governor's designee of each State through which the shipment will pass of transportation plans after a change in the threat level.</li> <li>I-3. Ensure proper communication is also made to the transport carrier responsible for the movement and/or communication of the shipment.</li> <li>I-4. Be prepared to respond to public inquiries as a result of a change in threat level. Licensees may communicate with the public through any available communication tools such as recorded messages on dedicated telephone lines, company website, local radio announcements, and local television newscasts, and appropriate forms of social media.</li> <li>I-5. Conduct an after-action review to evaluate how the current response plans addressed the threat and adjust the protective measures as appropriate.</li> </ol> <p><b><u>For shipments not yet in progress</u></b></p> <ol style="list-style-type: none"> <li>I-6. Review shipment information and determine whether rescheduling or delaying the shipment until a later date is possible.</li> <li>I-7. Contact the NRC to discuss possible rescheduling or rerouting. The NRC will coordinate with the U.S. Department of Homeland Security and the affected States on the possible implementation of supplemental security measures for shipments that must proceed.</li> </ol>

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<b>National Terrorism Advisory System (NTAS) Threat Alert</b>	<b>Licensee Protective Measures for NTAS Threat Levels</b>
Elevated Alert (continued)	<p><u>For highway shipments in progress</u></p> <ul style="list-style-type: none"> <li>I-8. Contact the transport vehicle driver and/or the movement control center and inform them of the change in the threat level.</li> <li>I-9. Inform the NRC Operations Center (301-816-5100) of the shipment's location and actions being taken.</li> <li>I-10. Instruct the driver or transport carrier to proceed to the nearest safe haven, the destination, or the point of origin, whichever is closest and the most prudent route to take, as appropriate, based on the current threat information.</li> <li>I-11. Contact the designated LLEA to request an escort of the shipment and/or respond to the safe haven (if proceeding to a safe haven), as appropriate, based on the current threat information.</li> <li>I-12. Communicate coordination of licensee and transport carrier actions to appropriate stakeholders including LLEA.</li> <li>I-13. Contact the NRC to discuss possible rescheduling or rerouting. The NRC, in consultation with other Federal and local agencies, will determine whether augmentation of the security requirements is necessary for these shipments and notify licensees.</li> </ul> <p><u>For rail shipments in progress</u></p> <ul style="list-style-type: none"> <li>I-14. Contact the railroad company and/or the railroad communications center to notify them of the credible terrorist threat, and request that they implement the appropriate contingency measures based on the current threat information.</li> <li>I-15. Inform the NRC Operations Center (301-816-5100) of the shipment's location and response actions being taken. The NRC, in consultation with other Federal and local agencies, will determine whether augmentation of the security requirements is necessary for these shipments and notify licensees.</li> </ul> <p>Considerations for rail shipments transferred to highway mode are similar to those for highway shipments above.</p>

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National Terrorism Advisory System (NTAS) Threat Alert	Licensee Protective Measures for NTAS Threat Levels
Elevated Alert (continued)	<p data-bbox="492 695 1146 720"><b><u>For Transportation of Category 2 Quantities of Radioactive Material</u></b></p> <p data-bbox="492 743 1430 840">Licensees are required to meet the requirements in 10 CFR Part 37 for the protection of an aggregated category 1 or category 2 quantity of radioactive material. In addition to the requirements in 10 CFR Part 37, licensees may wish to consider implementing the following protective measures during a NTAS "Elevated Alert" condition:</p> <p data-bbox="492 863 797 888"><b><u>For shipments not yet in progress</u></b></p> <p data-bbox="492 888 1187 913">I-16. Determine whether delaying the shipment until a later date is possible.</p> <p data-bbox="492 913 1398 980">I-17. The NRC, in consultation with other Federal, State and local agencies, will determine whether augmentation of the security requirements for these shipments is necessary and will notify licensees.</p> <p data-bbox="492 1003 729 1029"><b><u>For shipments in progress</u></b></p> <p data-bbox="492 1029 1446 1125">II-1. Determine the location of shipments in transit and confirm whether the shipments were received by the receiving licensee by the designated no-later-than arrival time. If a shipment does not arrive by the no-later-than arrival time, the receiving licensee would generally contact the NRC Operations Center (301-816-5100) within two hours.</p>

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National Terrorism Advisory System (NTAS) Threat Alert	Licensee Protective Measures for NTAS Threat Levels
<p><b>Imminent Alert</b> Credible, specific, and impending terrorist threat. In addition to the above:</p> <ol style="list-style-type: none"> <li>1. Assign emergency response personnel and preposition specially trained teams.</li> <li>2. Increase or redirect personnel to address critical emergency needs.</li> </ol>	<p><b><u>For Transportation of Category 1 Quantities of Radioactive Material and Irradiated Reactor Fuel Less Than or Equal to 100 Grams</u></b></p> <p>Licensees must meet the requirements in 10 CFR Part 37 for the protection of an aggregated category 1 or category 2 quantity of radioactive material. In addition to the protective measures listed above during a NTAS "Elevated Alert" condition, licensees may wish to consider implementing the following protective measures during a NTAS "Imminent Alert" condition:</p> <ol style="list-style-type: none"> <li>II-1. Review actions taken under a NTAS "Elevated Alert" condition in light of the current threat situation and consider the need to revise.</li> <li>II-2. Contact the NRC to discuss additional security measures and courses of action.</li> <li>II-3. Conduct an after-action review to evaluate how the current response plans addressed the threat and adjust the protective measures as appropriate.</li> </ol> <p><b><u>For shipments not yet in progress</u></b></p> <ol style="list-style-type: none"> <li>II-4. Delay shipments until the NRC provides additional information or issues orders to licensees concerning shipment. The NRC, in consultation with other Federal, State, and local agencies, will determine if augmentation of the security requirements for these shipments is necessary and inform licensees.</li> </ol> <p><b><u>For highway shipments in progress</u></b></p> <ol style="list-style-type: none"> <li>II-5. Instruct the driver to proceed to the nearest safe haven, the destination, or the point of origin, whichever is closest and the most prudent route to take, as appropriate, based on the current threat information.</li> <li>II-6. Contact the designated LLEA to request escorts to accompany the shipment and/or respond to the safe haven (if proceeding to a safe haven).</li> </ol> <p><b><u>For rail shipments in progress</u></b></p> <ol style="list-style-type: none"> <li>II-7. Contact the railroad company and/or the railroad communications center and notify them of the imminent terrorist threat condition, and request that they implement the appropriate contingency measures based on the current threat information.</li> </ol>

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National Terrorism Advisory System (NTAS) Threat Alert	Licensee Protective Measures for NTAS Threat Levels
Imminent Alert (continued)	<p data-bbox="492 688 1149 716"><u>For Transportation of Category 2 Quantities of Radioactive Material</u></p> <p data-bbox="492 737 1450 835">Licensees must meet the requirements in 10 CFR Part 37 for the protection of an aggregated category 1 or category 2 quantity of radioactive material. In addition to the protective measures listed above during a NTAS "Elevated Alert" condition, licensees may wish to consider implementing the following protective measures during a NTAS "Imminent Alert" condition:</p> <p data-bbox="492 856 797 884"><u>For shipments not yet in progress</u></p> <p data-bbox="492 884 1450 982">II-8. Delay shipments until the NRC provides additional information or issues orders to licensees concerning shipments. The NRC, in consultation with other Federal, State, and local agencies, will determine if augmentation of the security requirements for these shipments is necessary and inform licensees.</p> <p data-bbox="492 1003 727 1031"><u>For shipments in progress</u></p> <p data-bbox="492 1031 1450 1129">II-9. Determine the location of shipments in transit and confirm whether shipments were received by the receiving licensee by the designated no-later-than arrival time. If a shipment does not arrive by the no-later-than arrival time, the receiving licensee would generally contact the NRC Operations Center (301-816-5100) within 2 hours.</p>