

ENCLOSURE 1: DEFINITIONS

Bulletin 2005-02 Definitions	NEI 99-01 R5 Definitions
	<p>CIVIL DISTURBANCE: A group of persons violently protesting station operations or activities at the site.</p>
<p>HOSTILE ACTION: An act toward a NPP or its personnel that includes the use of violent force to destroy equipment, take HOSTAGES, and/or intimidate the licensee to achieve an end. This includes attack by air, land, or water using guns, explosives, PROJECTILES, vehicles, or other devices used to deliver destructive force. Other acts that satisfy the overall intent may be included. HOSTILE ACTION should not be construed to include acts of civil disobedience or felonious acts that are not part of a concerted attack on the NPP. Non-terrorism-based EALs should be used to address such activities (i.e., this may include violent acts between individuals in the owner controlled area).</p>	<p>HOSTILE ACTION: An act toward a NPP or its personnel that includes the use of violent force to destroy equipment, take HOSTAGES, and/or intimidate the licensee to achieve an end. This includes attack by air, land, or water using guns, explosives, PROJECTILES, vehicles, or other devices used to deliver destructive force. Other acts that satisfy the overall intent may be included. HOSTILE ACTION should not be construed to include acts of civil disobedience or felonious acts that are not part of a concerted attack on the NPP. Non-terrorism-based EALs should be used to address such activities (i.e., this may include violent acts between individuals in the owner controlled area).</p>
	<p>HOSTILE FORCE: One or more individuals who are engaged in a determined assault, overtly or by stealth and deception, equipped with suitable weapons capable of killing, maiming, or causing destruction.</p>
	<p>SECURITY CONDITION: Any Security Event as listed in the approved security contingency plan that constitutes a threat/compromise to site security, threat/risk to site personnel, or a potential degradation to the level of safety of the plant. A SECURITY CONDITION does not involve a HOSTILE ACTION.</p>

ENCLOSURE 2: NEI 99-01 R4 COMPARISON TO NEI 99-01 R5

Discussion

NEI 99-01 R4 EALs were compared to NEI 99-01 R5 EALs. Revision 5 IC's were rearranged so that Initiating Conditions (IC) could be easily compared. Comments were then provided on each change.

Replace NEI 99-01 R4 Security EAL's from Bulletin 2005-02 with the NEI 99-01 R5 Security EALs.

NEI 99-01 R4 EAL users would replace the definition of Hostile Action provided in Bulletin 2005-02 with the NEI 99-01 R5 definitions for CIVIL DISTURBANCE, HOSTILE ACTION, HOSTILE FORCE and SECURITY CONDITION contained in Enclosure 1.

ENCLOSURE 2: NEI 99-01 R4 COMPARISON TO NEI 99-01 R5

NEI 99-01 R4/Bulletin 2005-02	NEI 99-01 R5	Comments
<p>HU4 Confirmed Security Event Which Indicates a Potential Degradation in the Level of Safety of the Plant.</p> <p>Example EAL: (1 or 2 or 3)</p> <p>A validated notification from NRC providing information of an aircraft threat .</p> <p>A credible site specific security threat notification.</p> <p>Security events as determined from (site-specific) Safeguards Contingency Plan and reported by the (site-specific) security shift supervision.</p>	<p>HU4 Confirmed SECURITY CONDITION or threat which indicates a potential degradation in the level of safety of the plant.</p> <p>Example Emergency Action Levels: (1 or 2 or 3)</p> <p>A validated notification from NRC providing information of an aircraft threat.</p> <p>A credible site specific security threat notification.</p> <p>A SECURITY CONDITION that does NOT involve a HOSTILE ACTION as reported by the (site specific security shift supervision).</p>	<p>No change in intent.</p> <p>No change in intent.</p> <p>No change in intent.</p> <p>A SECURITY CONDITION used by the Safeguards Contingency Plan dictates what type of security events meet the definition of a NUE. SECURITY CONDINTION is used by both NEI 99-01 R5 and NEI 03-12.</p>

ENCLOSURE 2: NEI 99-01 R4 COMPARISON TO NEI 99-01 R5

NEI 99-01 R4/Bulletin 2005-02	NEI 99-01 R5	Comments
<p>HA4 Confirmed Security Event in a Plant PROTECTED AREA</p> <p>Other security events as determined from (site-specific) Safeguards Contingency Plan and reported by the (site-specific) security shift supervision</p> <p><i>[This EAL is eliminated.]</i></p> <p>HA7 Notification of an Airborne Attack Threat</p> <p>A validated notification from NRC of an airliner attack threat less than 30 minutes away .</p>	<p>HA4 HOSTILE ACTION within the OWNER CONTROLLED AREA or airborne attack threat.</p> <p>Example Emergency Action Level: (1 or 2)</p> <p>[No corresponding IC exists in NEI 99-01 R5. Therefore this space is left blank]</p> <p>A validated notification from NRC of an airliner attack threat within 30 minutes of the site.</p>	<p>The intent of the R4/BL 2005-02 HA4 IC and example EAL were subsumed into the R5 HA4 IC and example EALs as described below.</p> <p>NEI 99-01 R4 HA7 was included in NEI 99-01 R5, HA4.</p> <p>No change in intent of EAL.</p>

ENCLOSURE 2: NEI 99-01 R4 COMPARISON TO NEI 99-01 R5

NEI 99-01 R4/Bulletin 2005-02	NEI 99-01 R5	Comments
<p>HA8 Notification of HOSTILE ACTION within the OCA</p> <p>A notification from the site security force that an armed attack, explosive attack, airliner impact or other HOSTILE ACTION is occurring or has occurred within the OCA.</p>	<p>A HOSTILE ACTION is occurring or has occurred within the OWNER CONTROLLED AREA as reported by the (site specific security shift supervision).</p>	<p>Reference to armed attack, explosive attack, airliner impact is provided in the definition of HOSTILE ACTION.</p> <p>NEI 99-01 R4 HA8 was included in NEI 99-01 R5 HA4.</p> <p>No change to the intent of the EAL</p>

ENCLOSURE 2: NEI 99-01 R4 COMPARISON TO NEI 99-01 R5

NEI 99-01 R4/Bulletin 2005-02	NEI 99-01 R5	Comments
<p>HS4 Site Attack</p> <p>A notification from the site security force that an armed attack, explosive attack, airliner impact, or other HOSTILE ACTION is occurring or has occurred within the protected area.</p>	<p>A HOSTILE ACTION is occurring or has occurred within the PROTECTED AREA as reported by the (site security shift supervision).</p>	<p>Reference to armed attack, explosive attack, airliner impact is provided in the definition of HOSTILE ACTION.</p> <p>No change in intent.</p>
<p>HG1 Security Event Resulting in Loss Of Physical Control of the Facility</p> <p>A HOSTILE FORCE has taken control of plant equipment such that plant personnel are unable to operate equipment required to maintain safety functions.</p>	<p>HG1 HOSTILE ACTION resulting in loss of physical control of the facility.</p> <p>Example Emergency Action Level: (1 or 2)</p> <p>A HOSTILE ACTION has occurred such that plant personnel are unable to operate equipment required to maintain safety functions.</p> <p>A HOSTILE ACTION has caused failure of Spent Fuel Cooling Systems and IMMEDIATE fuel damage is likely for a freshly off-loaded reactor core in pool.</p>	<p>No change in intent of this EAL.</p> <p>This information was relocated from the Basis section of NEI 99-01R4/BL 2005-02 to the example EAL section of NEI 99-01 R5. No change of intent.</p>

ENCLOSURE 3 – NUMARC/NESP-007 COMPARISONS TO NEI 99-01 R5

Discussion

NUMARC/NESP-007 EALs were marked up in column 1 to implement the changes required by NEI 99-01 R5 EALs. It is expected that the NUMARC/NESP-007 EAL user would implement the markup provided in column one. NEI 99-01 R5 EALs are provided in column 2 for reference. Revision 5 IC's were rearranged so that Initiating Conditions (IC) could be easily compared to the NUMARC/NESP-007 Security EAL scheme. Comments were then provided on each change.

NUMARC/NESP-007 EAL users would replace the definition of Hostile Action provided in NRC Bulletin 2005-02 with the NEI 99-01 R5 definitions for CIVIL DISTURBANCE, HOSTILE ACTION AND HOSITE FORCE contained in Enclosure 1.

Deletions are ~~lined out~~ and additions are shaded gray.

ENCLOSURE 3 – NUMARC/NESP-007 COMPARISONS TO NEI 99-01 R5

NUMARC/NESP-007	NEI 99-01 R5	Comments
<p>HU4 Confirmed Security Event SECURITY CONDITION or threat Which Indicates a Potential Degradation in the Level of Safety of the Plant</p> <p>Example EAL: (1 or 2 or 3)</p> <p>A validated notification from NRC providing information of an aircraft threat greater than 30 minutes away.</p> <p>A credible site-specific security threat notification.</p> <p>Other security events as determined from (site-specific) Safeguards Contingency Plan. A SECURITY CONDITION that does NOT involve a HOSTILE ACTION as reported by the (site specific security shift supervision).</p> <p>HA4 Security Event in a Plant PROTECTED AREA HOSTILE ACTION within the OWNER CONTROLLED AREA</p>	<p>HU4 Confirmed SECURITY CONDITION or threat which indicates a potential degradation in the level of safety of the plant.</p> <p>Example Emergency Action Levels: (1 or 2 or 3)</p> <p>A validated notification from NRC providing information of an aircraft threat.</p> <p>A credible site specific security threat notification.</p> <p>A SECURITY CONDITION that does NOT involve a HOSTILE ACTION as reported by the (site specific security shift supervision).</p> <p>HA4 HOSTILE ACTION within the OWNER CONTROLLED AREA or airborne attack threat.</p>	<p>No change intent. Alert declaration is required if Aircraft is less than 30 minutes. Therefore no change in intent of IC if 30 minutes away is removed.</p> <p>No change in intent.</p> <p>No change in intent.</p> <p>A SECURITY CONDITION used by the Safeguards Contingency Plan dictates what type of security events meets the definition of a NUE. SECURITY CONDINTION is used by both NEI 99-01 and NEI 03-12.</p>

ENCLOSURE 3 – NUMARC/NESP-007 COMPARISONS TO NEI 99-01 R5

NUMARC/NESP-007	NEI 99-01 R5	Comments
<p>or airborne attack threat.</p> <p>Other security events as determined from (site-specific) Safeguards Contingency Plan</p> <p><i>[This EAL is eliminated]</i></p> <p>HA7 Notification of an Airborne Attack Threat</p> <p>A validated notification from NRC of an airliner attack threat less than within 30 minutes away.</p> <p>HA8 Notification of HOSTILE ACTION within the OCA</p> <p>A notification from the site security force that an armed attack, explosive attack, airliner impact or other A HOSTILE ACTION</p>	<p>Example Emergency Action Level: (1 or 2)</p> <p>[No corresponding IC exist in NEI 99-01 R5. Therefore this space is left blank]</p> <p>A validated notification from NRC of an airliner attack threat within 30 minutes of the site.</p> <p>A HOSTILE ACTION is occurring or has occurred within the OWNER CONTROLLED</p>	<p>The intent of the R4/BL 2005-02 HA4 IC and example EAL were subsumed into the R5 HA4 IC and example EALs as described below.</p> <p>No change in intent of EAL.</p> <p>No change to the intent of the EAL. Armed attack, explosive attack, and airliner impact</p>

ENCLOSURE 3 – NUMARC/NESP-007 COMPARISONS TO NEI 99-01 R5

NUMARC/NESP-007	NEI 99-01 R5	Comments
<p>is occurring or has occurred within the OCA OWNER CONTROLLED AREA as reported by the (site specific security shift supervision).</p> <p>HS1 Security Event in a Plant Vital Area</p> <p>Other security events as determined from (site-specific) Safeguards Contingency Plan.</p> <p><i>[Eliminate EAL and IC]</i></p>	<p>AREA as reported by the (site specific security shift supervision).</p> <p>HS 4 HOSTILE ACTION within the PROTECTED AREA.</p> <p>Example Emergency Action Level:</p> <p>[No corresponding EAL exist in NEI 99-01 R5. Therefore this space is left blank.]</p>	<p>is addressed by the definition of HOSTILE ACTION.</p> <p>The intent of the R4/BL 2005-02 HS1 IC and example EAL were subsumed into the R5 HS4 IC and example EALs as described below.</p>
<p>HS4 Site Attack HOSTILE ACTION within the PROTECTED AREA</p> <p>A notification from the site security force that an armed attack, explosive attack, airliner impact, or other A HOSTILE ACTION is occurring or has occurred within the protected area PROTECTED AREA as reported by the (site security shift supervision).</p>	<p>A HOSTILE ACTION is occurring or has occurred within the PROTECTED AREA as reported by the (site security shift supervision).</p>	<p>No change in intent.</p>

ENCLOSURE 3 – NUMARC/NESP-007 COMPARISONS TO NEI 99-01 R5

NUMARC/NESP-007	NEI 99-01 R5	Comments
<p>HG1 Security Event HOSTILE ACTION Resulting in Loss of Physical Control of the Facility</p> <p>A HOSTILE FORCE has occurred taken control of plant equipment such that plant personnel are unable to operate equipment required to maintain safety functions.</p> <p>A HOSTILE ACTION has caused failure of Spent Fuel Cooling Systems and IMMINENT fuel damage is likely for a freshly off-loaded reactor core in pool.</p> <p>[Add this EAL to NUMARC/NESP-007</p>	<p>HG1 HOSTILE ACTION resulting in loss of physical control of the facility.</p> <p>Example Emergency Action Level: (1 or 2)</p> <p>A HOSTILE ACTION has occurred such that plant personnel are unable to operate equipment required to maintain safety functions.</p> <p>A HOSTILE ACTION has caused failure of Spent Fuel Cooling Systems and IMMINENT fuel damage is likely for a freshly off-loaded reactor core in pool.</p>	<p>No change in intent of this EAL.</p> <p>This information was relocated from the Basis section of NUMARC/NESP-007/BL 2005-02 to the example EAL section of NEI 99-01 R5. No change of intent.</p>

ENCLOSURE 4: NUREG 0654 COMPARISON TO NEI 9901 REVISION 5 EALS

NUREG 0654 EALs were marked up in column 1 of the table to implement the changes required by NEI 99-01 R5 EALs. It is expected that the NUREG 0654 EAL user would implement the markup provided in column 1. NEI 99-01 R5 EALs are provided in column 2 for reference. NEI 99-01R 5 EALs were rearranged where applicable so that Initiating Conditions (IC) could be easily compared to the NUREG 0654 Security EAL scheme. Comments were then provided on each change.

NUREG 0654 EAL users would replace the definition of Hostile Action provided in Bulletin 2005-02 with the NEI 99-01 R5 definitions for CIVIL DISTURBANCE, HOSTILE ACTION, HOSITE FORCE and SECURITY CONDITION contained in Enclosure 1.

Deletions are ~~lined out~~ and additions are shaded gray.

ENCLOSURE 4: NUREG 0654 COMPARISON TO NEI 9901 REVISION 5 EALS

NUREG-0654	NEI 99-01 R5	Comments
<p>Unusual Event</p> <p>Security threat or attempted entry or attempted sabotage A SECURITY CONDITION that does NOT involve a HOSTILE ACTION as reported by the (site specific security shift supervision).</p> <p>A credible site specific security threat notification.</p> <p>A validated notification from NRC providing information of an aircraft threat greater than 30 minutes away.</p>	<p>HU4 Confirmed SECURITY CONDITION or threat which indicates a potential degradation in the level of safety of the plant.</p> <p>Example Emergency Action Levels: (1 or 2 or 3)</p> <p>A SECURITY CONDITION that does NOT involve a HOSTILE ACTION as reported by the (site specific security shift supervision).</p> <p>A credible site specific security threat notification.</p> <p>A validated notification from NRC providing information of an aircraft threat.</p>	<p>A SECURITY CONDITION used by the Safeguards Contingency Plan dictates what type of security events meet the definition of a NUE. SECURITY CONDINTION is used by both NEI 99-01 and NEI 03-12.</p> <p>No change in intent.</p> <p>No change in intent.</p> <p>Alert declaration is required if Aircraft is less than 30 minutes. Therefore no change in intent of IC if 30 minutes away is removed.</p>
Alert	HA4 HOSTILE ACTION within the	

ENCLOSURE 4: NUREG 0654 COMPARISON TO NEI 9901 REVISION 5 EALS

NUREG-0654	NEI 99-01 R5	Comments
<p>Ongoing security compromise.</p> <p><i>[Remove this EAL]</i></p> <p>A notification from the site security force of an armed attack, explosive attack, airliner impact, or other A HOSTILE ACTION is occurring or has occurred within the OGA OWNER CONTROLLED AREA as reported by the (site specific security shift supervision)</p> <p>A validated notification from NRC of an airliner attack threat less than within 30 minutes of the site away.</p>	<p>OWNER CONTROLLED AREA or airborne attack threat.</p> <p>Example Emergency Action Level: (1 or 2)</p> <p><i>[No corresponding EAL exists in NEI 99-01 R5. Therefore this space is left blank]</i></p> <p>A HOSTILE ACTION is occurring or has occurred within the OWNER CONTROLLED AREA as reported by the (site specific security shift supervision).</p> <p>A validated notification from NRC of an airliner attack threat within 30 minutes of the site.</p>	<p>The intent of the the NUREG 0654 Alert "Ongoing security compromise" from BL 2005-02 were subsumed into the R5 HA4 IC and example EALs as described below.</p> <p>No change in intent. EAL modified to be consistent with NEI 99-01 R5.</p> <p>No change in intent of EAL. EAL modified to be consistent with NEI 99-01 R5.</p>
	<p>HS 4 HOSTILE ACTION within the</p>	

ENCLOSURE 4: NUREG 0654 COMPARISON TO NEI 9901 REVISION 5 EALS

NUREG-0654	NEI 99-01 R5	Comments
<p>Site Area Emergency</p> <p>Imminent loss of physical control of the plant.</p> <p><i>[This EAL is deleted]</i></p> <p>A notification from the site security force of an armed attack, explosive attack, airliner impact, or other A HOSTILE ACTION is occurring or has occurred within the protected area PROTECTED AREA as reported by the (site specific security shift supervision)</p> <p>General Emergency</p>	<p align="center">PROTECTED AREA.</p> <p>Example Emergency Action Level:</p> <p><i>[No corresponding EAL exits in NEI 99-01 R5. Therefore this space is left blank]</i></p> <p>A HOSTILE ACTION is occurring or has occurred within the PROTECTED AREA as reported by the (site security shift supervision).</p> <p>HG1 HOSTILE ACTION resulting in</p>	<p>The intent of the NUREG 0654 SAE "Imminent loss of physical control of the plant" from BL 2005-02 were subsumed into the R5 HA4 IC and example EALs as described below.</p> <p>No change in intent. EAL modified to be consistent with NEI 99-01 R5.</p>

ENCLOSURE 4: NUREG 0654 COMPARISON TO NEI 9901 REVISION 5 EALS

NUREG-0654	NEI 99-01 R5	Comments
<p>A HOSTILE ACTION FORCE has occurred taken control of plant equipment such that plant personnel are unable to operate equipment required to maintain safety functions.</p> <p>A HOSTILE ACTION has caused failure of Spent Fuel Cooling Systems and IMMINENT fuel damage is likely for a freshly off-loaded reactor core in pool.</p> <p><i>[Add this EAL to the NUREG 0654 EAL set.]</i></p>	<p>loss of physical control of the facility.</p> <p>Example Emergency Action Level: (1 or 2)</p> <p>A HOSTILE ACTION has occurred such that plant personnel are unable to operate equipment required to maintain safety functions.</p> <p>A HOSTILE ACTION has caused failure of Spent Fuel Cooling Systems and IMMINENT fuel damage is likely for a freshly off-loaded reactor core in pool.</p>	<p>No change in intent of this EAL. EAL modified to be consistent with NEI 99-01 R5.</p> <p>This information was relocated from the Basis section of both NUMARC/NESP-007/BL 2005-02 and NEI 99-01 R4 to the example EAL section of NEI 99-01 R5.</p> <p>To maintain constancy across all EAL sets the EAL is also added to NUREG 0654 Security EALS</p>