

**PSEG Site  
ESP Application  
Part 5, Emergency Plan**

**ATTACHMENT 5**

**EMERGENCY ACTION LEVELS**

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**5.1 AP1000 - Emergency Action Levels**

As identified in the NRC letter to the Nuclear Energy Institute (NEI) dated December 2, 2008, certain aspects of the AP1000 Emergency Action Levels (EALs) required by 10 CFR 50.47(b)(4) and Appendix E.IV.B cannot be completed at this time. This is due to actual set points that cannot be derived until actual as-built information is available and certain Technical Specifications are finalized.

PSEG has elected to submit a Radiological Emergency Plan including Section 5.0, "Emergency Classification System" which addresses the four critical elements of an EAL scheme and contains general information regarding response to each emergency classification.

In the COL application, PSEG will make a commitment to adopt its EAL scheme by utilizing the guidance in the NRC approved version of NEI 07-01 at least 180 days prior to initial fuel load of the unit.

Any deviations or differences in the proposed EALs from the applicable template will be justified. Development of EALs in accordance with the guidance presented in NEI 07-01 and submittal of these EALs to the NRC at least 180 days prior to fuel load is a proposed license condition.

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**5.2 ABWR - Emergency Action Levels**

As identified in the NRC letter to the Nuclear Energy Institute (NEI) dated December 2, 2008, certain aspects of the ABWR Emergency Action Levels (EALs) required by 10 CFR 50.47(b)(4) and Appendix E.IV.B cannot be completed at this time. This is due to actual set points that cannot be derived until actual as-built information is available and certain Technical Specifications are finalized.

PSEG has elected to submit a Radiological Emergency Plan including Section 5.0, "Emergency Classification System" which addresses the four critical elements of an EAL scheme and contains general information regarding response to each emergency classification.

In the COL application, PSEG will make a commitment to adopt its EAL scheme by utilizing the guidance in the NRC approved version of NEI 99-01 at least 180 days prior to initial fuel load of the unit.

Any deviations or differences in the proposed EALs from the applicable template will be justified. Development of EALs in accordance with the guidance presented in NEI 99-01 and submittal of these EALs to the NRC at least 180 days prior to fuel load is a proposed license condition.

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**5.3 US-APWR - Emergency Action Levels**

As identified in the NRC letter to the Nuclear Energy Institute (NEI) dated December 2, 2008, certain aspects of the US-APWR Emergency Action Levels (EALs) required by 10 CFR 50.47(b)(4) and Appendix E.IV.B cannot be completed at this time. This is due to actual set points that cannot be derived until actual as-built information is available and certain Technical Specifications are finalized.

PSEG has elected to submit a Radiological Emergency Plan including Section 5.0, "Emergency Classification System" which addresses the four critical elements of an EAL scheme and contains general information regarding response to each emergency classification.

In the COL application, PSEG will make a commitment to adopt its EAL scheme by utilizing the guidance in the NRC approved version of NEI 99-01 at least 180 days prior to initial fuel load of the unit.

Any deviations or differences in the proposed EALs from the applicable template will be justified. Development of EALs in accordance with the guidance presented in NEI 99-01 and submittal of these EALs to the NRC at least 180 days prior to fuel load is a proposed license condition.

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**5.4 U.S. EPR - Emergency Action Levels**

As identified in the NRC letter to the Nuclear Energy Institute (NEI) dated December 2, 2008, certain aspects of the U.S. EPR Emergency Action Levels (EALs) required by 10 CFR 50.47(b)(4) and Appendix E.IV.B cannot be completed at this time. This is due to actual set points that cannot be derived until actual as-built information is available and certain Technical Specifications are finalized.

PSEG has elected to submit a Radiological Emergency Plan including Section 5.0, "Emergency Classification System" which addresses the four critical elements of an EAL scheme and contains general information regarding response to each emergency classification.

In the COL application, PSEG will make a commitment to adopt its EAL scheme by utilizing the guidance in the NRC approved version of NEI 99-01 at least 180 days prior to initial fuel load of the unit.

Any deviations or differences in the proposed EALs from the applicable template will be justified. Development of EALs in accordance with the guidance presented in NEI 99-01 and submittal of these EALs to the NRC at least 180 days prior to fuel load is a proposed license condition.