



U.S. Nuclear Regulatory Commission



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Emergency Action Level Development

Each operating nuclear power plant is required to include in its emergency plans a standard emergency classification and EAL scheme. An EAL is a pre-determined, site-specific, observable threshold for a plant condition that places the plant in an emergency class. The NRC is using an FAQ process to assist licensees with EAL development. As such, a practical knowledge of existing EAL regulatory guidance is required in applying any EP FAQ response.

Regulatory Guidance

The following documents provide guidance for (1) developing or changing a standard emergency classification and action level scheme and (2) assisting licensees in determining whether to seek prior NRC approval of deviations from the new guidance.

- [Regulatory Guide 1.101](#) (Revision 4), "Emergency Response Planning and Preparedness for Nuclear Reactors" endorses the following documents as alternative methods for developing EALs:
 - [Appendix 1 to NUREG-0654/FEMA-REP-1](#), "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants" (November 1980)
 - [NUMARC/NESP-007](#), "Methodology for Development of Emergency Action Levels" (Revision 2, January 1992), Nuclear Utilities Management Council document
 - [NEI 99-01](#), "Methodology for Development of Emergency Action Levels" (Revision 4), Nuclear Energy Institute document
- [Regulatory Issue Summary \(RIS\) 2003-18](#), "Use of NEI 99-01, 'Methodology for Development of Emergency Action Levels'" (Revision 4, January 2003)
- [Supplement 1 to RIS 2003-18](#)

See our [Frequently Asked Questions](#) for licensees About Emergency Action Level Development in two formats:

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- [Sorted by FAQ Identification Number](#)

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Last revised Friday, September 09, 2005

Emergency Preparedness (EP) Frequently Asked Question (FAQ) Report

Sort by Emergency Action Level (EAL) Scheme and Number

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The EP FAQ process is intended to clarify the NRC staff's interpretation of existing EAL regulatory guidance issued or endorsed by NRC, and will not be used to create new regulatory positions or guidance. Issues involving safeguards information are not considered under the EP FAQ process.

<i>EAL FAQ ID NUMBER</i>	<i>EAL SCHEME</i>	<i>EAL NUMBER</i>	<i>DATE POSTED</i>	<i>STATUS</i>
0				
<i>QUESTION</i>				
No FAQs yet received due to implementation on October 1, 2005.				
<i>RESPONSE</i>				
No FAQs yet received due to implementation on October 1, 2005.				

Emergency Preparedness (EP) Frequently Asked Question (FAQ) Report

Sort by FAQ Identification (ID) Number

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