

Revised  
7/19/83

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TABLE A.5

EMERGENCY CLASS CROSS REFERENCE WITH CRITICAL SAFETY FUNCTIONS (CSFs)/EMERGENCY CONDITIONS

| Emergency Class | CSF Singles  | CSF/Combinations                                      | Complications                               | Miscellaneous   |
|-----------------|--|---|---|---|
| General         | 2 red  | 2 orange/3 red<br>2 orange/3 orange<br>2 orange/5 red | 5 red/8<br>5 orange/8<br>3 red/8<br>5 red/7 | 10+8  |
| Site Area       | 1 red<br>2 orange<br>3 red<br>3 orange<br>4 red<br>5 red<br>5 orange |   |   | 6c, 8, 10,<br>11b, 12b, 17c   |
| Alert           | 1 orange,<br>4 orange  | 2 yellow/5 Yellow                                     | 5 yellow/7                                  | 6b, 11a, 17b,<br>17g  |
| Unusual Event   | 2 yellow<br>3 yellow<br>4 yellow<br>5 yellow                         |   |   | 6a, 9, 11c, 12a,<br>13, 14, 15, 16,<br>17a, 17d, 17e,<br>17f, 17h, 18 |

Critical Safety Functions

1. Subcriticality
2. Core Cooling
3. Heat Sink
4. RCS Integrity
5. Containment Integrity

Miscellaneous Emergency Conditions

6. Hi Releases
  - a) Technical Specification
  - b) 10 x Technical Specification
  - c) Indications EPA PAGs will be exceeded at site boundary
7. Failure to isolate containment
8. Loss of all ac power
9. Loss of offsite ac power
10. Loss of all dc power
11. Fire:
  - a) Controlled-affects only one train of safety-related equipment with the potential for affecting the other train
  - b) Uncontrolled-affects safety-related equipment
  - c) Within plant protected area which requires outside fire-fighting assistance
12. Control room evacuation
  - a) With control at remote shutdown panel
  - b) Without control at remote shutdown panel
13. Loss of plant process computer
14. Observation of aircraft crash, train derailment or explosion onsite
15. Emergency transport of contaminated and injured worker to local support hospital
16. Loss of onsite ac power capability
17. Severe or natural phenomenon
  - a) Response spectrum seismic unit triggered
  - b) Earthquake greater than containment foundation DBE alarm levels
  - c) Earthquake with potential impact on SSE
  - d) 50-year flood or low water level by observation or receipt of warning from offsite authorities
  - e) Observation of tornado onsite
  - f) Observation of hurricane onsite  
(sustained winds of (later) for (later) period of time)
  - g) Tornado observed onsite which has degraded safety components
  - h) Security compromises
18. Shutdown-Technical Specifications surpassed

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Attention: Mr. George W. Knighton, Chief  
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References: (a) Construction Permits CPPR-135 and CPPR-136, Docket  
Nos. 50-443 and 50-444  
(b) PSNH Letter, dated June 27, 1983, "Emergency  
Classification System", J. DeVincentis to G. W. Knighton

Subject: Revision to Emergency Classification System Table A.5

Dear Sir:

In Reference (b), we submitted a new Section 5.0 of the Seabrook Station Radiological Emergency Plan which provided a conceptual description of the Emergency Classification System.

It has been determined that a typographical error was included in Table A.5 of Reference (b). The Miscellaneous Emergency Conditions which yield the Alert and Unusual Event declarations should be as stated on the revised Table A.5 (attached).

Section 5.0 of the Radiological Emergency Plan will be revised to reflect the revised Table A.5 in a future amendment to the OL Application.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY

*John DeVincentis*  
John DeVincentis  
Project Manager

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ALL/pf

Attachment

cc: Atomic Safety and Licensing Board Service List

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