

February 6, 2007

MEMORANDUM TO: Evangelos C. Marinos, Chief  
Plant Licensing Branch II-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

FROM: Robert E. Martin, Sr. Project Manager **/RAI/**  
Plant Licensing Branch II-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

SUBJECT: FACSIMILE TRANSMISSION OF DRAFT REQUEST FOR  
ADDITIONAL INFORMATION ON EMERGENCY ACTION LEVEL  
REVISIONS (TAC NOS. MC9457, MC9456, MC9459, MC9460,  
MC9461, AND MC9462)

The Nuclear Regulatory Commission staff transmitted the enclosed draft request for additional information (RAI) to Southern Nuclear Operating Company, Inc. (SNC), on January 17, 2007. The draft RAI supported a conference call that was held with SNC on January 25, 2007, regarding SNC's submittal dated October 13, 2006, on the revisions of the emergency action levels for the Joseph M. Farley Nuclear Plant, Units 1 and 2, the Edwin I. Hatch Nuclear Plant, Unit Nos. 1 and 2, and the Vogtle Electric Generating Plant, Units 1 and 2.

Docket Nos. 50-348, 50-364, 50-321, 50-366, 50-424 and 50-425

Enclosure: Draft RAI

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NAME	RMartin	MO'Brien	EMarinos
DATE	02/5/07	02/5/07	02/6/07

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DRAFT REQUEST FOR ADDITIONAL INFORMATION (RAI)

REVISION OF EMERGENCY ACTION LEVELS (EAL)

SOUTHERN NUCLEAR OPERATING COMPANY, INC (SOUTHERN NUCLEAR)

I Joseph M. Farley Nuclear Plant

1. RAI-024(1) - RCS L4: The RAI response did not justify this logic as being "AND". This is inconsistent with the other fleet EALs. Also, the hard-copy of the EAL Basis Document provided by the licensee does not match the electronic copy as the hard-copy shows a logic "OR". Change to logic "OR" or provide rationale for the logic "AND" to allow NRC staff to reach the same conclusion. Also, verify that the hard-copy and electronic copy of the EAL Basis Document provided by the licensee are the same.
2. RAI-055(1) - SU4.1: The response to this RAI is unacceptable. The licensee needs to provide an acceptable alternative or prove that this condition is bounded by other EALs.
3. RAI-065(2) - SS6: Criteria 'a' should be "Significant Transient in Progress" not "Inability to Monitor a Significant Transient in Progress." These are two different statements and this was discussed during the 6/27/06 Teleconference. Correct the EAL.

II Edwin I. Hatch Nuclear Plant

1. RAI-001(4) - RU1.2: This EAL was deleted due to the licensee stating that they have no unmonitored release paths. However, this EAL is for non-routine release paths for which a discharge permit would not normally be prepared. Provide an acceptable alternative for this EAL or provide more justification as to why this EAL, or an alternative, cannot be provided.
2. RAI-003(4) - RA1.2: This EAL was deleted due to the licensee stating that they have no unmonitored release paths. However, this EAL is for non-routine release paths for which a discharge permit would not normally be prepared. Provide an acceptable alternative for this EAL or provide more justification as to why this EAL, or an alternative, cannot be provided.
3. RAI-019(5) - CA4: The notes are incorrect on the hard-copy provided by the licensee but is correct on the electronic copy. These are supposed to be identical. Correct the error and ensure that both documents are identical.
4. RAI-065(2) - SS6: Criteria 'a' should be "Significant Transient in Progress" not "Inability to Monitor a Significant Transient in Progress." These are two different statements and this was discussed during the 6/27/06 Teleconference. Correct the EAL.

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III Vogtle Electric Generating Plant

1. RAI-004(2) - RA2: Based on your RAI response, explain why the alarm does not say "Alert Alarm."
2. RAI-045(3) - HA1.5: Did not adequately address original RAI. Your justification for deleting this EAL does not account for the potential industrial safety hazards (e.g., electric shock) that preclude actions necessary to operate or monitor safety equipment. Provide more justification or re-instate EAL.
3. RAI-055(1) - SU4.1: The response to this RAI is unacceptable. The licensee needs to provide an acceptable alternative or prove that this condition is bounded by other EALs.
4. RAI-065(2) - SS6: Criteria 'a' should be "Significant Transient in Progress" not "Inability to Monitor a Significant Transient in Progress." These are two different statements and this was discussed during the 6/27/06 Teleconference. Correct the EAL.
5. CU2.1: Another example of inattention to detail. The hard copy states "greater than" and the electronic copy states "greater than or equal." These are supposed to be the same documents. Correct the error and make sure both documents are identical.