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AUG 29 1994

MEMORANDUM FOR: Gus C. Lainas, Assistant Director for
Region II Reactors
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

FROM: Bruce A. Boger, Acting Director
Division of Reactor Projects

SUBJECT: REVISION 1 TO TASK INTERFACE AGREEMENT (TIA 94-013)
TECHNICAL ASSISTANCE REQUEST, SAFETY IMPLICATIONS RELATED TO
A POTENTIAL STEAM LINE BREAK BLOWING DOWN BOTH STEAM
GENERATORS AT OCONEE

This revision to TIA 94-013 is prompted by the August 10, 1994 steam generator blowdown event on Oconee Unit 3. As discussed during Operating Reactors Events Briefing 94-29, the rapid blowdown/depressurization of steam generator 3B was attributed to the random repositioning of the associated turbine bypass valves when Integrated Control System power was momentarily lost and then restored to the valves' controllers. Although subsequently corrected through controller modification, this event revealed another potential steam line related failure that could have blown down both steam generators. More importantly, since recovery from such an occurrence would involve either steam generator "trickle feeding" or primary "feed and bleed", this event also demonstrated the inherent problems associated with trickle feeding a hot dry steam generator.

Similar to the postulated steam line related failure addressed in TIA 94-013, dated March 31, 1994, the potential steam line related failure discussed above is directly related to the fact that Oconee relies on the turbine stop valves for isolation because there are no main steam isolation valves. Accordingly, since the Oconee design does not incorporate any automatic features for steam break isolation upstream of the turbine stop valves, it is requested that you expand the scope of TIA 94-013 to include potential steam line related failures associated with other branch lines and components upstream of the turbine stop valves.

If you have any questions regarding this matter, please contact Robert Carroll at (404) 331-5543 or Lee Keller at (803) 882-6927.

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Original signed by
Jons P. Jaudon (for)
Bruce A. Boger, Acting Director
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cc cont'd: (See page 2)