

September 5, 2001

Mr. Randall K. Edington  
Vice President - Operations  
Entergy Operations, Inc.  
River Bend Station  
P. O. Box 220  
St. Francisville, LA 70775

SUBJECT: RIVER BEND STATION, UNIT 1 - TRANSMITTAL OF VERSION 6.71 OF THE SYSTEMS ANALYSIS PROGRAMS FOR HANDS-ON INTEGRATED RELIABILITY EVALUATIONS (SAPHIRE) SOFTWARE AND PROBABILISTIC RISK ASSESSMENT (PRA) MODEL FOR RIVER BEND STATION

Dear Mr. Edington:

Reference: Gulf States Utilities, "River Bend Station Individual Plant Examination," EA-RA-93-0001-M, January 15, 1993

Enclosed are two compact disks containing Version 6.71 of the SAPHIRE code and a SAPHIRE version of the River Bend Station PRA database, that Gulf States Utilities had given to the Nuclear Regulatory Commission (NRC) to be included in its "SAPHIRE Library" of PRA models in support of risk-informed regulatory activities. Also enclosed is a hard copy of a letter report pertaining to this database, dated September 30, 1994.

The NRC has been using the SAPHIRE code and plant-specific PRA models to address a variety of issues, such as the resolution of generic issues, the development of guidance for risk-informed regulation, and the investigation of "what if" questions.

The River Bend Station PRA database went through an Idaho National Engineering and Environmental Laboratory (INEEL) in-house review. However, because it may be out of date, it should be used with caution, and in accordance with any statements that may be displayed upon opening, as well as cautions and directions provided in the database letter report.

Questions about the SAPHIRE model and software should be directed to Ms. Erasmia Lois, NRC (tel: 301-415-6560, e-mail: ex11@nrc.gov), or to Mr. Michael Calley, INEEL, (tel: 208-526-9230, e-mail: (mbc2@inel.gov)).

Sincerely,  
*/RA/*

Robert E. Moody, Project Manager, Section 1  
Project Directorate IV  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-458

Enclosures: As stated

cc w/o encls: See next page

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River Bend Station

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April 2001