



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TEXAS 76011-8064**

January 15, 2002

William T. Cottle, President and  
Chief Executive Officer  
STP Nuclear Operating Company  
P.O. Box 289  
Wadsworth, Texas 77483

**SUBJECT: SOUTH TEXAS PROJECT, UNITS 1 AND 2 - NOTIFICATION OF AN NRC  
TRIENNIAL FIRE PROTECTION BASELINE INSPECTION 50-498/02-03;  
50-499/02-03**

Dear Mr. Cottle:

The purpose of this letter is to notify you that the U.S. Nuclear Regulatory Commission (NRC), Region IV staff, will conduct a triennial fire protection baseline inspection at the South Texas Project, Units 1 and 2. The inspection team will be comprised of a team of reactor inspectors from the NRC Region IV office and a contractor. The inspection will be conducted in accordance with Inspection Procedure 71111.05, "Fire Protection," the NRC's baseline fire protection inspection procedure.

The schedule for the inspection is as follows:

- Information gathering visit - April 16 - 18, 2002
- Week of onsite inspection - April 29 thru May 3, 2002

In advance of the onsite inspection, members of the inspection team will visit the Comanche Peak Steam Electric Station on April 16 - 18, 2002, to obtain information and documentation needed to support the inspection, become familiar with your fire protection program, and, as necessary, obtain plant-specific site access training and badging for unescorted site access. A nonexhaustive list of the types of documents the team will be interested in reviewing, and possibly obtaining, are listed in the Enclosure. The team leader will determine at that time, the documents necessary for examination in our regional office, in preparation for the onsite portion of this inspection. We would appreciate it if you could send this information to our office in Arlington, Texas, so that it will arrive no later than noon on April 22, 2002.

During the information gathering visit, the team leader will discuss the following inspection support administrative details: office space, size and location; specific documents requested to be made available to the team in their office spaces; arrangements for site access (including radiation protection training, security, safety, and fitness-for-duty requirements); and the availability of knowledgeable plant engineering and licensing organization personnel to serve as points of contact during the inspection.

We request that during the onsite inspection weeks you ensure that copies of analyses, evaluations or documentation regarding the implementation and maintenance of the fire protection program, including post-fire safe shutdown capability, be readily accessible to the team for their review. Of specific interest, are those documents that establish that your fire protection program satisfies NRC regulatory requirements and conforms to applicable NRC and industry fire protection guidance. Also, appropriate personnel knowledgeable of: (1) those plant systems required to achieve and maintain safe shutdown conditions from inside and outside the control room, (2) the electrical aspects of the post-fire safe shutdown analyses, (3) reactor plant fire protection systems, and (4) the fire protection program and its implementation should be available at the site during the inspection.

Your cooperation and support during this inspection will be appreciated. If you have questions concerning this inspection, or the inspection team's information or logistical needs, please contact Ray Mullikin at 817-860-8102.

Sincerely,

**/RA/**

Charles S. Marschall, Chief  
Engineering and Maintenance Branch  
Division of Reactor Safety

Dockets: 50-498; 50-499  
Licenses: NPF-76; NPF-80

Enclosure: as stated

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RMullikin/lmb	CSMarschall			
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## **ENCLOSURE**

### **Reactor Fire Protection Program Supporting Documentation**

1. The current version of the fire protection program and fire hazards analysis.
2. A listing of the fire protection program implementing procedures (e.g., administrative controls, maintenance, surveillance testing, fire brigade).
3. Pre-fire plans.
4. Post-fire safe shutdown analysis.
5. Piping and instrumentation (flow) diagrams highlighting the system and components used to achieve and maintain hot standby and cold shutdown for fires outside the control room and those components used for those areas requiring alternative shutdown capability.
6. Plant layout and equipment drawings that identify the physical plant locations of major hot standby and cold shutdown equipment.
7. Plant layout drawings that identify plant fire area and/or fire zone delineation, areas protected by automatic fire suppression and detection, and the locations of fire protection equipment.
8. Plant layout drawings that identify the general location of the post-fire emergency lighting units.
9. A listing of plant operating procedures that would be used and which describe shutdown from inside the control room with a postulated fire occurring in any plant area outside the control room, and procedures that would be used to implement alternative shutdown capability in the event of a fire in either the control or cable spreading room.
10. A listing of maintenance procedures that routinely verify fuse breaker coordination in accordance with the post-fire safe shutdown coordination analysis.
11. A listing of fire protection and post-fire safe shutdown related design change packages (including their associated 10 CFR 50.59 evaluations) performed in the last three years.
12. A listing of Generic Letter 86-10 evaluations performed in the last three years.
13. The plant's individual plant examination external event report, results of any post-individual plant examination external event reviews, and listings of actions taken or plant modifications conducted in response to individual plant examination external event information.
14. Organization charts of site personnel down to the level of fire protection staff personnel.

15. A listing of procedures/instructions that govern the implementation of plant modifications, maintenance, and special operations, and their impact on fire protection.
16. A listing of applicable codes and standards related to the design of plant fire protection features and evaluations of code deviations.
17. Listing of open and closed fire protection ONE forms and/or SMART forms (problem reports, nonconformance reports, problem identification and resolution reports) initiated within the last three years.
18. Listing of plant fire protection licensing basis documents.
19. Design basis document for fire protection.