

South Texas Project Electric Generating Station P.O. Box 289 Wadsworth, Texas 77483

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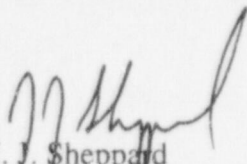
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South Texas Project  
Units 1 and 2  
Docket Nos. STN 50-498, STN 50-499  
Fire Hazards Analysis Report, Amendment 12

Pursuant to 10CFR50.71, STP Nuclear Operating Company submits Amendment 12 to the South Texas Project Fire Hazards Analysis Report (FHAR) as Attachment 2. Attachment 1 includes a summary of changes in FHAR Amendment 12 that were made under the provisions of 10CFR50.59.

Copies of the Fire Hazards Analysis Report, Amendment 12 are provided in accordance with the distribution requirements of 10CFR50.4 (b) (1). A copy of this transmittal is attached to each Fire Hazards Analysis Report, Amendment 12.

If you should have any questions on this submittal, please contact Mr. A. W. Harrison at (361) 972-7298 or me at (361) 972-8757.

  
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Vice President  
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MKJ

Attachment 1: Fire Hazards Analysis Report, Changes Made under the Provisions of  
10CFR50.59

Attachment 2: Fire Hazards Analysis Report, Amendment 12

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# **Attachment 1**

## **Fire Hazards Analysis Report, Changes Made under the Provisions of 10CFR50.59**

## **Fire Hazards Analysis Report (FHAR) Summary of Changes**

### Chapter 1, "Introduction and Methodology"

1. Added the definition for a Maximum Permitted Fire Load, on page 1C-4 [Appendix 1C] (CN-2314)

### Chapter 3, "Fire Hazards Analysis"

1. Deleted Item 16, Deviation from NFPA 72D-1975 with Justification, on Page 3.10-17 [3.10.4] . (CN-2032)
2. Revised the Maximum Fire Load (CN-2314) [Table 1-1, 1-2, 1-3, 2-1 through 2-9, 2-11, 2-12, 2-15 through 2-19, 3-1 through 3-14, 4-1 through 4-10, 5-1, 6-1 through 6-6, 7-1, 8-1, 9-1, 18-1, 20-1, 21-1, 22-2, 22-3, 24-1 through 24-3, 25-1, 26-1, 27-1 through 27-5, 27-7, 29-1, 30-1, 31-1, 32-1, 32-2, 32-4 through 32-9, 32-11, 32-12, 33-1, 34-1, 35-1 through 35-11, 36-1, 36-2, 37-1, 37-2, 38-1, 38-2, 39-1, 40-1, 41-1, 42-1, 43-1, 44-1, 48-1, 48-2, 49-2, 50-1, 50-2, 51-1 through 51-3, 53-1, 54-1, 55-1, 56-1, 57-1, 58-1, 59-1, 60-1, 61-1, 61-2, 63-1 through 63-24, 63-26 through 63-28, 64-1, 65-1, 66-1, 67-1, 67-2, 68-1, 69-1, 70-1, 70-2, 71-1, 72-1, 73-1, 74-1, 75-1, 76-1, 77-1, 77-2, 78-1]
3. Removed the reference to minutes in the justification section on page 3.2-16, 3.2-140, 3.2- [Appendix R Section III.G.2.a ] [Appendix A:D.1.j] 143 (CN-2314)

### Chapter 4, "Comparison to 10CFR50 Appendix R and APCS 9.5-1 Appendix"

1. Changed occurrences of "registered fire protection engineer" to "qualified fire protection engineer" where it was inadvertently missed from a previous change. [Table 4.1, Table 4.2, Table 4.2-2] (CN-2088, 2182)
2. Revised described exceptions to NFPA 72-D, 1975 noted in STP Position E.1.a on Page 4.2-42. [Table 4.2] (CN-2032)