

MAR 28 1990

MEMORANDUM FOR: Dolores M. Meyer, Chief  
Resource Management Branch  
Division of Resource Management  
and Administration, RIV

FROM: Carl Mohrwinkel  
Regional Technical Assistance Coordinator  
Inspection and Licensing  
Program Branch, PMAS, NRR

SUBJECT: REGIONAL REQUEST FOR TECHNICAL ASSISTANCE

Enclosed is a Regional Request for HQ technical assistance number 90-05 for a Post-Fire Safe Shutdown Inspection at Wolf Creek, which has been approved by both the technical and projects divisions in NRR. Accordingly, the request has been forwarded to the TAMS Section Chief, Singh Bajwa, for assignment to an appropriate contractor.

If you have any questions concerning this or other regional requests, please contact me at FTS 492-1209.

Original signed by

Carl Mohrwinkel  
Regional Technical Assistance Coordinator  
Inspection and Licensing  
Program Branch, PMAS, NRR

Enclosure:  
As stated

cc w/enclosure:  
C. McCracken, NRR  
A. Thadani, IRR  
F. Hebdon, IRR

cc w/o enclosure:  
S. Bajwa  
L. Wheeler  
H. Polk

Distribution w/enclosure:  
Central File E. Butcher  
ILPB RF  
C. Mohrwinkel

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:Mohrwinkel	:	:	:	:	:	:	:
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B-10

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FROM NRC RIV ARL, TX.



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
611 RYAN PLAZA DRIVE, SUITE 9000  
ARLINGTON, TEXAS 76011

MAR 16 1990

MEMORANDUM FOR: Carl Mohrwinkel  
Regional Technical Assistance Coordinator  
Inspection and Licensing Program Branch, PHAS, HRR

FROM: Dolores M. Meyer, Chief  
Resource Management Section  
Division of Resource Management and Administration  
Region IV

SUBJECT: REGIONAL REQUEST FOR HQ TECHNICAL ASSISTANCE

Enclosed is Regional Request for HQ Technical Assistance Number 90-05 and a Statement of Work. Please contact us if additional information is required.

*Dolores M. Meyer*  
Dolores M. Meyer, Chief  
Resource Management Section

Enclosures:  
As Stated

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CF ADOCK 05000482  
CF

Enclosure 2

REGIONAL REQUEST FOR HQ TECHNICAL ASSISTANCE

REQUEST # 90-05  
REGION IV  
DIVISION RRS  
BRANCH PSS

REQUEST DATE February 2, 1990  
REQUESTED BY C. Johnson  
CONCURRENCE T. Statka  
L. Callan

PRIORITY: HIGH X MED \_\_\_\_\_ LOW \_\_\_\_\_

TECHNICAL REQUIREMENTS: (include justification for request, the numbers and types of individuals needed by discipline, the estimated level of effort, and when it will be needed.)

Technical assistance is requested for Region IV to assist an NRC inspection in the performance of inspection of post-fire safe shutdown capability at Wolf Creek Generating Station.

STATEMENT OF WORK-Attached

HEADQUARTERS ACTIONS

DATE OF RECEIPT BY REGIONAL COORDINATOR 3-19-90

PROJECT DIRECTORATE: D. J. Weber 3/20/90 CONCURRENCE (BC) C. McNeal 3/20/90

TAC NO/(S) \_\_\_\_\_ (DD) C. McNeal 7/1/90

COMMENTS: Est. Cost \$30,000 -> Funds to come from FIN: D1311 Task Order 68 (SAIC - Tom Storrey, Contractor)

COMMITMENTS: (In-house or TA resources, lead individuals, FIN numbers, etc.)

DATE OF RESPONSE TO REGION 3/20/90 to David Johnson in place of Cal

TA ACTION COMPLETION DATE (Est) \_\_\_\_\_ (Act) \_\_\_\_\_

**STATEMENT OF WORK FOR TASK ASSIGNMENT**

**TITLE:** Fire Protection Inspection, Wolf Creek Generating Station  
**NRC TEAM LEADER:** Claude E. Johnson, FTS 72B-82B2

**A. Background**

General Design Criteria 3 (GDC 3), "Fire Protection," of Appendix A to 10 CFR 50 requires that structures, systems, and components important to safety be designed and located to minimize the adverse effects of fires and explosions, and to be consistent with other safety requirements. Noncombustible and heat resistant materials are required to be used whenever practical. GDC 3 also requires that fire detection and suppression systems of appropriate capacity and capability be provided and designed to minimize the adverse effects of fires on structures, systems, and components important to safety and that fire fighting systems be designed to ensure that their failure, rupture, or inadvertent operation does not significantly impair the safety capabilities of these structures, systems, and components.

Either the staff guidance contained in Branch Technical Position (BTP) CHEB 9.5-1, in Section 9.5-1 of NUREG-0200, "Standard Review Plan," or the combination of the staff guidance contained in Appendix A to BTP APCS 9.5-1 and the technical requirements set forth in Appendix R to 10 CFR 50 define the essential elements of an acceptable fire protection program at nuclear power plants for demonstration of compliance with GDC 3.

**B. Objective**

The objective of this task order is to obtain technical assistance in the field of fire protection engineering and post-fire safe shutdown for NRC Region IV to assist an NRC inspection team in the performance of an inspection of post-fire safety shutdown capability at Wolf Creek Generating Station (WCGS).

**C. Acceptance Criteria**

The work specified in this statement of work (SOW) applies to Section C.1.2.1 for the basic contract's SOW.

The contractor shall provide one qualified fire protection specialist, one qualified post-fire safe shutdown specialist, and the necessary facilities, materials, and services to assist the NRC staff in the performance of an inspection of the licensee's post-fire safe shutdown capability for WCGS.

The contractor specialists will participate as a member of the NRC inspection team during the subject inspection. During the inspection, the contractor specialists will be under the direction of the NRC Team Leader named herein.

During the inspection, the contractor specialists shall assist in the NRC inspection team in its inspection of the applicant's fire protection program for conformance with the staff guidance contained in BTP CHEB 9.5-1 or the combination of the guidance contained in Appendix A to BTP APCSB 9.5-1 and Appendix R to 10 CFR 50, and the generic letters identified in Section J of this SOI.

The technical bases for the inspection will be the aforementioned guidance documents and the Safety Evaluation Report (SER) and its supplements for the plant.

**D. Reporting Requirements**

1. Monthly progress reports issued in accordance with the requirements of the basic contract.
2. Daily verbal reports to the NRC Team Leader during the subject inspection in a format to be provided by the Team Leader.
3. A draft and final inspection report input that documents the contractor's inspection activities, efforts, and findings. This report shall be in a format to be provided by the NRC team leader. The original and one copy of this report shall be delivered to the NRC Project Manager. Copies of the report shall be delivered to both the NRC Team Leader and the NRC contract administrator.

**E. Meetings and Travel**

The following meetings and travel are anticipated:

One, two-person, five day trip to the Wolf Creek Generating Station site (located near Burlington, Kansas) to participate in the subject inspection.

All travel arrangements shall be coordinated with the NRC Team Leader.

**F. Estimated Level of Effort**

The estimated level of effort is 100 professional staff hours.

**G. Period of Performance**

The period of performance shall begin on ~~March 30, 2000~~ <sup>April 16, 1990</sup> and shall continue through September 30, 1990.

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#### H. Schedule

Inspection Schedule: May 21-25, 1990.

A handwritten draft of the inspection report input shall be provided to the NRC Team Leader at the conclusion of the inspection (prior to the exit meeting with the licensee).

The final inspection report input shall be delivered in accordance with Section D.2 of this SOW no later than 10 working days after completion of the inspection.

#### I. Applicable Special Provisions

The work specified in this SOW is licensee fee recoverable. Fee recovery information shall be provided in the monthly progress reports in accordance with the requirements of the basic contract.

It is the responsibility of the contractor to assign technical staff, employees, subcontractors, or consultants who have the required educational background, experience, or combination thereof to meet both the technical and regulatory objectives of the work specified in this SOW. The NRC will rely on representations made by the contractor concerning the qualifications of the personnel assigned to this task order including assurance that all information contained in the technical and cost proposals, including resumes, is accurate and truthful.

#### J. NRC Furnished Materials

1. NUREG-0800, "Standard Review Plan," Section 9.5-1, Branch Technical Position CNEB 9.5-1
2. Appendix A to DTP APCS 9.5-1, "Guidelines for Fire Protection for Nuclear Power Plants Docketed Prior to July 1, 1976"
3. Generic Letter 86-10, "Implementation of Fire Protection Requirements," dated April 24, 1986
4. Generic Letter 83-33, "NRC Positions on Certain Requirements of Appendix R to 10 CFR 50," dated October 19, 1983
5. Generic Letter 81-12, "Fire Protection Rule," dated February 20, 1981