



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

NRC PDR

September 21, 1979

Manager  
San Francisco Operations Office  
U. S. Department of Energy  
1333 Broadway, Wells Fargo Bldg.  
Oakland, CA 94612

Dear Mr. LaGrone:

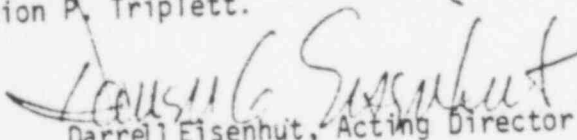
SUBJECT: LAWRENCE LIVERMORE LABORATORY (LLL), TECHNICAL ASSISTANCE  
ON ELECTRICAL, INSTRUMENTATION AND CONTROL SYSTEMS SUPPORT  
TO THE DIVISION OF OPERATING REACTORS NRR LETTER NO. 206

This memorandum provides guidance to LLL to support the Division of Operating Reactors, NRR in a number of EI&C areas important to the safe operation of nuclear power plants. The scope of this work and schedule are defined in the enclosure. The FY 1979 SAN Financial Plan will be modified to include an additional \$70,000 for this work under B&R 20 19 04 031, FIN A0231.

Bimonthly reports providing technical progress, and financial status should be forwarded to this office. Interim reports should be provided on the completion of major program milestones.

The DOR Technical contact for this work is Paul Shemanski (301) 492-7894.

The enclosed NRC Form 173, Standard Order for DOE work, for \$70,000 is hereby submitted in accordance with Section III.B.2 of the DOE/NRC Memorandum of Understanding of February 24, 1978. Please indicate DOE acceptance by signing and returning the enclosed NRC Form 173 to the NRC Office of the Controller, Division of Accounting, with a copy of the Office of NRR, Attention P. Triplett.

  
Darrell Eisenhut, Acting Director  
Division of Operating Reactors  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

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## SCOPE OF WORK

Electrical, Instrumentation and Control Systems Support

### Select EI&C Issues

#### General

By letter dated September 7, 1979, the Division of Project Management transferred Arkansas Nuclear One, Unit 2 to the Division of Operating Reactors. The current status of the EI&C items requiring further staff action are described below.

#### Task 1: Instrument Trip Setpoints Drift Allowance

##### Background

License Condition 2.C(3)(d) stipulates that the licensee shall submit for Commission review certain information for each reactor protection system and engineered safety feature instrumentation channel for incorporation in the Technical Specifications (TS). A document was submitted by the licensee on February 28, 1979.

##### Work Task

The contractor will review the licensee's submittal and develop a safety evaluation of the proposed Technical Specification Changes.

#### Task 2: Overpressure Mitigating System

##### Background

License Condition 2.C(3)(f) stipulates that the licensee shall, prior to startup following the first regularly scheduled refueling outage, achieve full implementation of its proposed overpressure mitigating system described in the licensee's letter dated October 11, 1977. As a part of this implementation, the licensee will submit a request for a TS involving surveillance requirements for the relief valves. This matter is discussed further in Section 5.7 of Supplement No. 1 to the SER.

##### Work Task

The contractor will review the licensee's submittal and develop a safety evaluation of the proposed Technical Specification change in a manner that is consistent with other approved overpressure mitigating systems.

In addition to the above two tasks, the contractor will review and prepare safety evaluations for approximately 5 non-routine licensing actions.

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