

Southern States Energy Board



August 11, 1978

Members:

Alabama
Arkansas
Florida
Georgia
Kentucky
Louisiana
Maryland
Mississippi
Missouri
North Carolina
Oklahoma
Puerto Rico
South Carolina
Tennessee
Texas
Virginia
West Virginia

Mr. Timothy F. Hagan
Research Contracts Branch
Division of Contracts
U.S. Nuclear Regulatory Commission
Washington, DC 20555

RE: Regional-Interstate Nuclear Facility Site Procedure
Demonstration Project
Contract No. NRC - 01-76-324

Dear Tim:

The SSEB received tentative programmatic approval from Messrs. Held, Mackin, and Perkins, NRC's Office of Standards Development, at a meeting on August 8, 1978, in Columbia, SC, to initiate the demonstration project activities as called for under Task No. 7 of the subject contract Scope of Work. The project objective is to develop procedural and technical information for use in improving NRC Standards for site selection and evaluation, particularly the Early Site Review process.

The first step in Task 7 is defined as subtask 7a, Need For Power Determination, and will involve Duke Power Company as the principal cooperating electric utility, and the States of North Carolina and South Carolina as the principal participating states. The detailed activities to be accomplished in subtask 7a are listed on the attachment as well as the schedule for accomplishing them.

The subject contract currently has an expiration date of October 20, 1978. The purpose of this letter, therefore, is to request a twelve-month extension to the current contract in order to carry out the work as scheduled.

The work proposed under subtask 7a can be accomplished within existing funding levels with no increase in NRC cost. The total NRC funds required to complete subtask 7a are estimated at \$50,000 with a corresponding amount provided by the SSEB as its in-kind contribution.

The work planned in subtask 7a is an important entity of the demonstration project on its own merit and is not dependent upon the remainder of the work called for in Task 7. Further, the report of work accomplished under subtask 7a is considered to be an integral part of the Task 7 Final Report.

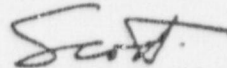
7810270282

Tim F. Hagan
Page 2
August 11, 1978

The remainder of the Task 7 work can be started at any time while subtask 7a is underway and conducted in parallel. This will require a more direct involvement and increased scope of activities by Duke than that required under subtask 7a. Duke is not willing to commit to the additional involvement required beyond subtask 7a at this time because of a pending licensing issue unrelated to this project but which Duke's involvement in additional areas of Task 7 might adversely affect.

As soon as the Duke licensing issue is resolved - and it should be within six months - the SSEB will then be in a position to scope, schedule, and cost the remainder of Task 7 work recognizing that many of the project activities are beyond the control of the SSEB and that some additional funding will probably be required.

Sincerely,



W. Scott Fellows
Director of Special Programs

WSF/kr
Enclosures

cc: J. Mackin

DETAILED SCOPE OF SERVICES

Prepared by the Southern States Energy Board for the
U.S. Nuclear Regulatory Commission: Contract No. NRC-01-76-324

REGIONAL - INTERSTATE NUCLEAR FACILITY SITING Procedure Demonstration Project

Program A - Initial Demonstration of Regional-Interstate Nuclear Facility Siting Procedure

Phase II - Test Demonstration Program

Task 7 - Test Procedure

Amplification of Task 7: Initiation of the Test Procedure

Under Task 7, SSEB will initiate the demonstration project. The first subtask (7a) to be conducted will be the need for power determination as currently performed, with consideration of extending the determination to 20 years. The subtask will be aimed at documentation of procedures used to arrive at consensus in the projection of need for power.

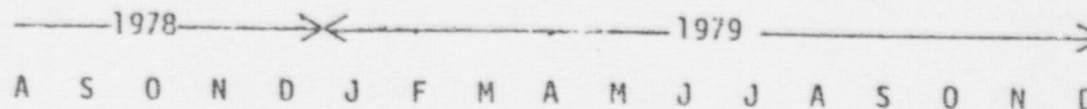
- 1a. SSEB will ask the participating states to describe the procedures that are used in need for power determination including development of criteria methods and predictions. SSEB will summarize the information provided by the states.
- 1b. SSEB will ask Duke Power, VACAR, and SERC to describe the procedures that are used in the need for power determination at the service area, multi-state, and reliability council levels. SSEB will summarize the information provided by Duke Power, VACAR, and SERC. SSEB will identify and incorporate information obtained in other regional need for power assessments as they may apply to the procedural aspects of the demonstration project.
- 2a. SSEB will assist the states in the development of a procedure to be utilized in the demonstration project. This will include the identification of steps that could be taken in a multi-state need for power determination.
- 2b. SSEB will compare the predictions made and the assumptions and methods used in programs at the service area, state and regional level. The comparison will include an evaluation of similarities and differences.
3. SSEB, with the assistance of the states, will identify and discuss the information, resources and other enabling factors that are necessary to perform a regional assessment of need for power.

4. SSEB, with the assistance of the states, will document the procedures and programs used in the need for power assessment for the demonstration project.

8/8/79

SCHEDULE: NUCLEAR FACILITY SITING PROCEDURE DEMONSTRATION PROJECT

8/10/78



PROGRAM A

PHASE I

Tasks 1 thru 4

(completed)

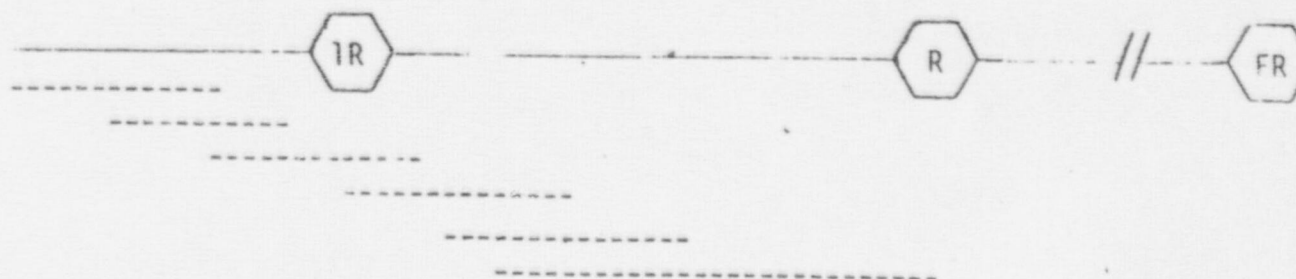
PHASE II

Tasks 5 thru 6

(completed)

Task 7

- a. 1(a)
- (b)
- 2(a)
- (b)
- 3
- 4



b.

(to be scheduled)-----//----->

PROGRAM B

PHASE I

Tasks 8 thru 10

(completed)

PHASE II

Tasks 11 thru 12

(completed)

1R Interim Report
R Report
FR Final Report