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 FACIL: 50-269 Oconee Nuclear Station, Unit 1, Duke Power Co.  
 50-270 Oconee Nuclear Station, Unit 2, Duke Power Co.  
 50-287 Oconee Nuclear Station, Unit 3, Duke Power Co.

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AUTH. NAME                    AUTHOR AFFILIATION  
 TUCKER, H.B.                Duke Power Co.  
 RECIP. NAME                RECIPIENT AFFILIATION  
 DENTON, H.R.                Office of Nuclear Reactor Regulation, Director  
 STOLZ, J.F.                 Operating Reactors Branch 4

SUBJECT: Forwards Rev 1 to 8930414 response to NUREG-0737, Suppl 1,  
 consisting of proposed changes to operational schedules for  
 safety parameter display sys & upgraded meteorological sys.

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**DUKE POWER COMPANY**

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HAL B. TUCKER  
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NUCLEAR PRODUCTION

August 23, 1983

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✓  
Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Attention: Mr. J. F. Stolz, Chief  
Operating Reactors Branch No. 4

Subject: Duke Power Company  
Oconee Nuclear Station  
Docket Nos. 50-269, -270, -287

Dear Mr. Denton:

Attached are five copies of Revision 1 to the Duke Power Company Response to Supplement 1 to NUREG-0737 for Oconee Nuclear Station. This document was originally submitted as an enclosure to my letter of April 14, 1983.

Revision 1 consists of proposed changes to the operational schedules for the Safety Parameter Display System (SPDS) and the Upgraded Meteorological System at Oconee Nuclear Station.

The revised SPDS schedule affects only Oconee Unit 2 and is required because of our projected inability to complete the control board modifications required to facilitate SPDS installation during the upcoming Unit 2 refueling outage (currently scheduled to begin on September 16, 1983). Specific factors for consideration are:

1. The design for the control board modifications necessary to accommodate the new Operator Aid Computer (OAC) CRT's and key-boards is not expected to be complete in time for the start of the refueling outage.
2. Field implementation of control board modifications requires significant preparation, manpower, and precautions since Units 1 and 2 share the same control room and Unit 1 is expected to be on line. Adequate planning time is not available for the upcoming outage.

Completion of the control board modifications mentioned above during this next refueling outage was necessary to support the original Unit 2 SPDS operational schedule of November 1984. The required control board modifications include

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panel cutouts and because of possible interference with operational activities Duke Power feels it is undesirable to perform this work while the unit is operating. Alternatively, it is proposed that all the Unit 2 SPDS installation activities be completed during the following refueling outage (approximately May, 1985) thereby creating an operational date of July 1985 for the Oconee Unit 2 SPDS.

The operational date for the Upgraded Meteorological System at Oconee Nuclear Station was submitted as January, 1984 and is now being proposed as May 1984. This additional time is required to allow completion of a new Class A dose calculation model being developed for Oconee.

Instructions for inserting Revision 1 into the Oconee document are included as part of the attachment. Unless otherwise informed by the Staff, Duke Power Company will assume that the proposed schedule changes described above are acceptable without further action.

Very truly yours,

*Hal B Tucker by WAT*

Hal B. Tucker

JSW:scs

Attachment

cc: Mr. J. P. O'Reilly, Regional Administrator  
U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, Suite 2900  
Atlanta, Georgia 30303

Mr. J. F. Suermann, Project Manager  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Mr. J. C. Bryant  
NRC Resident Inspector  
Oconee Nuclear Station

DUKE POWER COMPANY  
OCONEE NUCLEAR STATION

Response To Supplement 1 To NUREG-0737  
Document Revision Transmittal

Revision Number 1

Instructions

Remove Page 2-6

Remove Page 2-7

Remove Figure 2-2  
Sheet 1 of 2

Insert Page 2-6, Rev. 1

Insert Page 2-7, Rev. 1

Insert Figure 2-2  
Sheet 1 of 2, Rev. 1

PROPOSED SCHEDULE FOR SUPPLEMENT 1 TO NUREG-0737 PROVISIONS -  
 OCONEE NUCLEAR STATION

| Milestone Activity                                  | Completion Date      |
|-----------------------------------------------------|----------------------|
| <b>CRR</b>                                          |                      |
| o Steering Committee Formed                         | October, 1981        |
| o Program Concept                                   | January, 1982        |
| o Review Team Selected                              | February, 1982       |
| o Final Draft of Review Plan                        | May, 1982            |
| o Plan Presentation to NRC                          | May, 1982            |
| o Bio Technology Hired for Human Factors Assistance | June, 1982           |
| o Mockup Space Rented and Construction Began        | July, 1982           |
| o Review Phase Activities                           | June, 1983           |
| o Assessment of HED's                               | November, 1983       |
| o SUMMARY REPORT                                    | MARCH, 1984*         |
| <b>SPDS</b>                                         |                      |
| o Initial Design Basis & SPDS Approved              | May, 1982            |
| o Initial Design                                    | November, 1982       |
| o Revised SPDS Design and V&V                       | April, 1984          |
| o SPDS Safety Analysis                              | February, 1984       |
| o SPDS Training                                     | October, 1984        |
| o SPDS OPERATIONAL, UNIT 1                          | JANUARY, 1985* & **  |
| o SPDS OPERATIONAL, UNIT 2                          | JULY, 1985* & **     |
| o SPDS OPERATIONAL, UNIT 3                          | NOVEMBER, 1984* & ** |

\* Indicates proposed commitment date

\*\* Indicates estimated date - based upon completion of scheduled refueling outage.

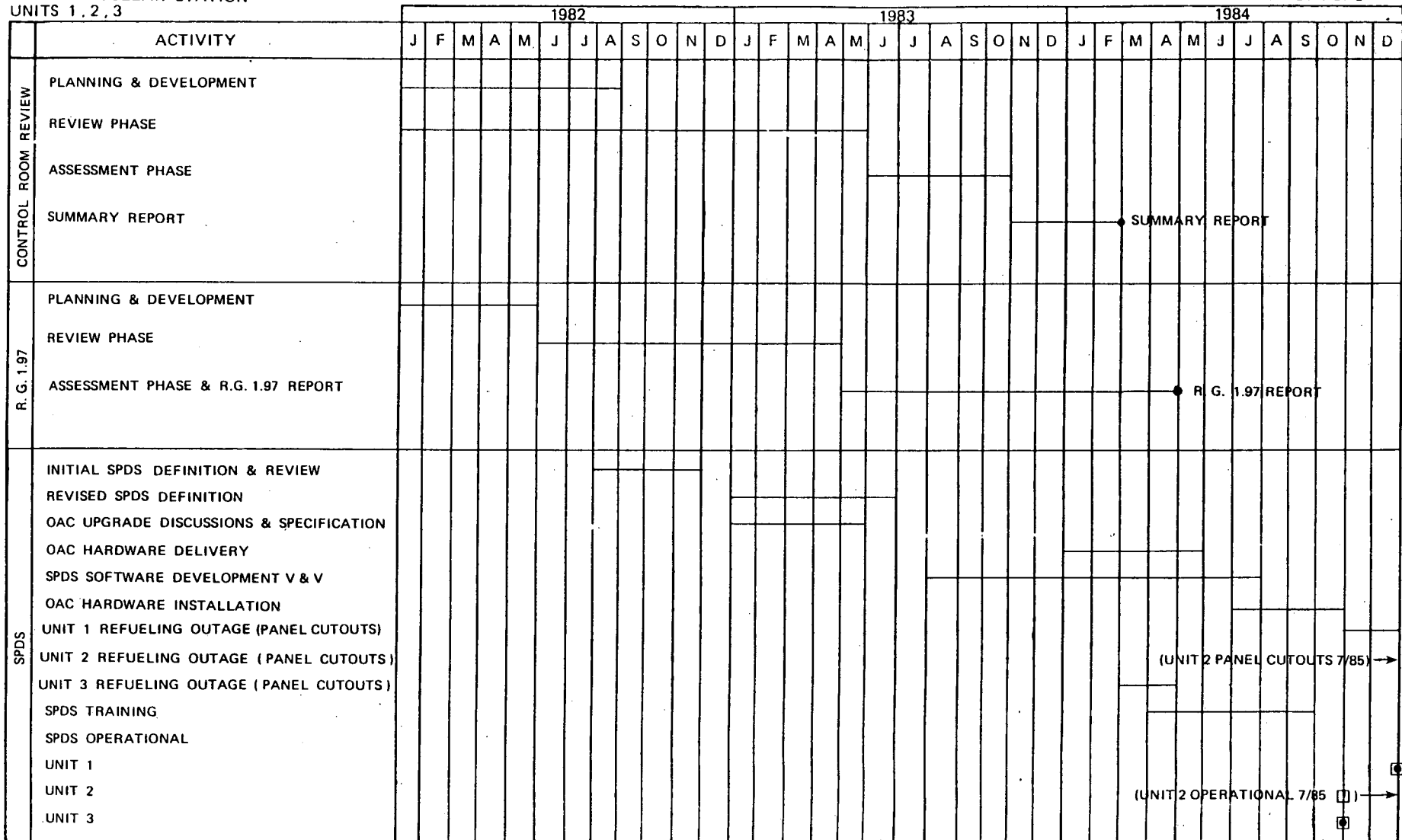
PROPOSED SCHEDULE FOR SUPPLEMENT 1 TO NUREG-0737 PROVISIONS -  
 OCONEE NUCLEAR STATION (cont'd)

| Milestone Activity                               | Completion Date |
|--------------------------------------------------|-----------------|
| <b>Regulatory Guide 1.97</b>                     |                 |
| o Review Plan Development                        | January, 1982   |
| o Formal Review Plan Established                 | June, 1982      |
| o Review Phase                                   | May, 1983       |
| o Assessment Phase                               | May, 1984       |
| o R.G. 1.97 REPORT                               | MAY, 1984*      |
| <b>Upgraded EP Program</b>                       |                 |
| o Plant Specific Technical Guideline Development | July, 1983      |
| o Plant Specific EP Development                  | October, 1983   |
| o Verification and Validation                    | December, 1983  |
| o Training                                       | October, 1984   |
| o IMPLEMENTATION, UNITS 1, 2, 3                  | NOVEMBER, 1984* |
| UPGRADED METEOROLOGICAL SYSTEM OPERATIONAL       | MAY, 1984*      |

\* Indicates proposed commitment date

FIGURE 2-2  
 OCONEE NUCLEAR STATION  
 UNITS 1, 2, 3

INTEGRATED SCHEDULE FOR IMPLEMENTING SUPPLEMENT 1 TO NUREG-0737



☐ END OF SCHEDULED REFUELING OUTAGE