

John D. O'Toole
Vice President

Consolidated Edison Company of New York, Inc.
4 Irving Place, New York, NY 10003
Telephone (212) 460-2533

March 12, 1984

Re: Indian Point Unit No. 2
Docket No. 50-247

Mr. Darrell G. Eisenhut, Director
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Eisenhut:

In our letter of November 18, 1983 we informed you that, as a result of our contractor's indicated delay in delivery, we were undertaking several actions to reassess our program for implementing the Safety Assessment System/Safety Parameters Display System (SAS/SPDS) at Indian Point Unit No. 2 (IP-2). We stated further that, upon completion of these actions, we would be in a better position to establish a revised schedule to implement SAS/SPDS at IP-2. Provided herein is our revised schedule and the bases for its development.

We have completed our assessment of the SAS/SPDS contractor and have concluded that he is capable of completing this job. We have chosen to stay with him based on the corrective actions he is taking to eliminate identified problems. The contractor has agreed to cooperate with Con Edison in establishing meaningful detailed milestones which will be used to closely monitor the contractor's further performance and progress throughout the balance of the project.

Attached is a revised schedule showing the effects of the delay:

- o SAS/SPDS installation is currently envisioned to be accomplished in three phases reflecting the best use of time with the delayed delivery schedule.
 - a. Phase One - All installation work that can be accomplished during the 1984 refueling outage requiring the unit to be off the line e.g., wiring, multiplexers, and other control room equipment

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- b. Phase Two - Delivery and installation of the main computer system hardware and software in 1985
 - c. Phase Three - Completion, during the 1986 refueling outage, of control room installation work requiring the unit to be off the line.
- o The schedule for verification and validation (V&V), operator training and integrated assessment have been shifted as a result of the delay in delivery. The scope of personnel training will be approximately the same as in the previously submitted program. The system will be declared operational after the training has been completed. However, integration of the NUREG-0737 Supp. I initiatives requires revision to Indian Point Operator Training Requalification Plan and schedule for years 1985 and 1986. The major impacts on requalification training are the new EOP training requirements and additional training required for SAS/SPDS. Note that on our revised schedule we indicate only an estimated completion date for training. We will submit by October 15, 1984 a schedule for requalification training in 1985 and 1986 and any request for exemptions to 10 CFR 55 Appendix A that are necessary.

The status of the remaining activities on the schedule is as follows:

- 1) Specification preparation and contractor selection were accomplished ahead of schedule.
- 2) Defining signals and display parameters was initiated earlier than originally scheduled and continues on schedule.
- 3) The development and submittal of the safety analysis report (SAR) will begin later than originally planned and will be completed prior to September 1, 1984.

In addition estimated dates for the 1984 and 1986 refueling outages have shifted slightly. The time shift does not impact the scope of any of the activities we have described.

With the exception of the schedule for the training activity as described above, there is no impact on the interactions between SAS/SPDS and the other NUREG-0737 Supplement 1 initiatives, as identified in our April 15, 1983 submittal. (See note No. 18 on Attachment)

Should you or your staff have any questions please contact me.

Very truly yours,

A handwritten signature in cursive script, reading "John D. O'Toole". The signature is written in black ink and extends across the right side of the page.

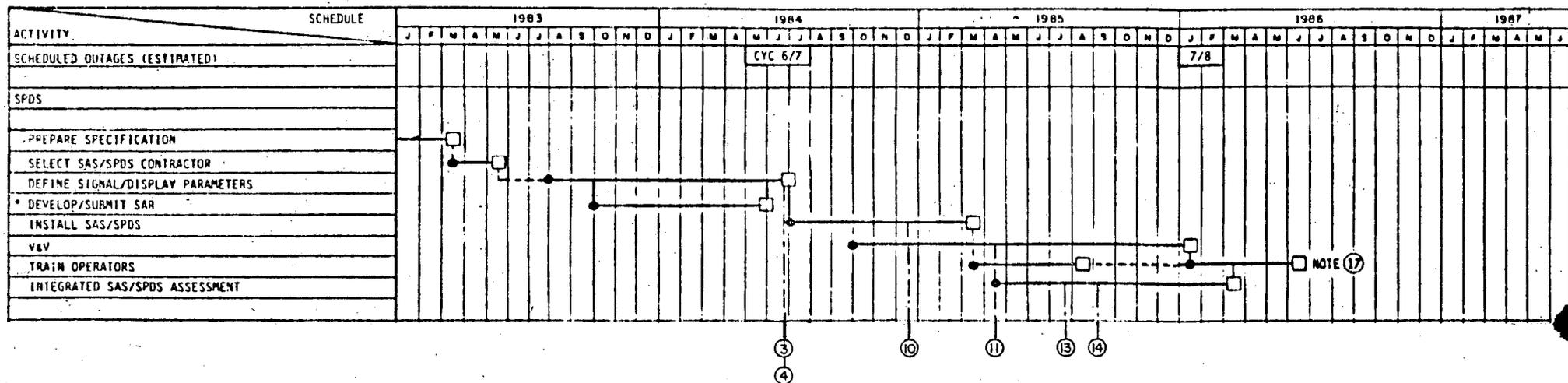
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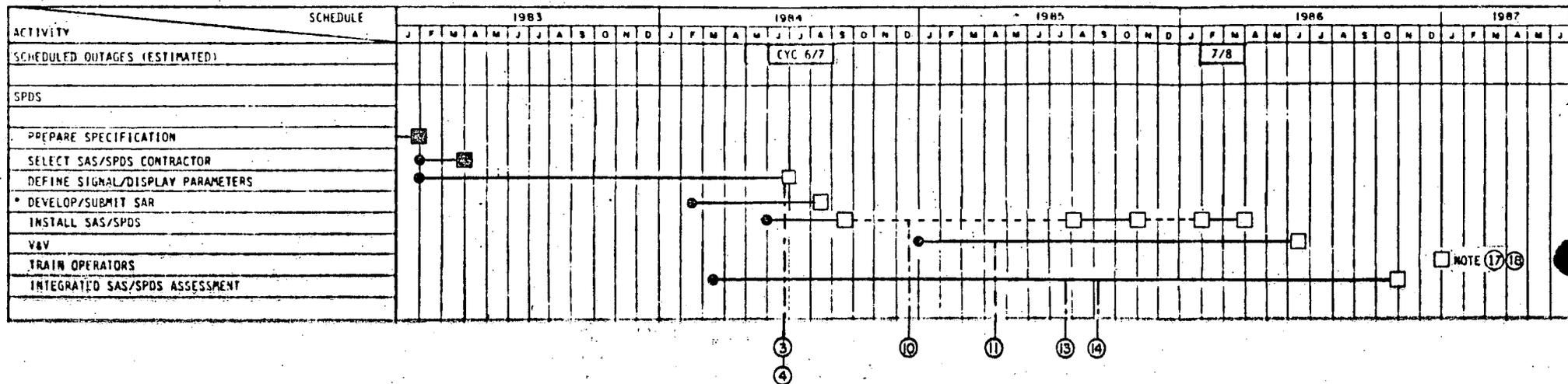
cc: Mr. Thomas Foley, Senior Resident Inspector
U. S. Nuclear Regulatory Commission
P. O. Box 38
Buchanan, New York 10511

EXISTING & REVISED SPDS SCHEDULE

EXISTING SCHEDULE APRIL 15, 1983



REVISED SCHEDULE MARCH 8, 1984



LEGEND:

- BEGIN ACTIVITY
- ACTIVITY COMPLETE (SCHEDULED)
- ACTIVITY COMPLETE (ACTUAL)
- ACTIVITY DURATION
- - - INFORMATION FLOW
- · - INTEGRATION REQUIREMENT
- * NRC SUBMITTAL REQUIRED

NOTES:

3. DCRDC SURVEY WILL INCLUDE SAS/SPDS.
4. EOP PREPARATION WILL INCLUDE SAS/SPDS.
10. DCRDB V&V WILL INCLUDE SAS/SPDS.
11. FINAL EOPs/CSF STATUS TREE INTERFACE WITH SAS/SPDS.
13. ICC INSTRUMENTATION INTERFACE WITH SAS/SPDS.
14. R.G.1.97 INTERFACE WITH SAS/SPDS.
17. INITIAL TRAINING ON SAS/SPDS. FOLLOW-UP TRAINING INTERFACE WITH THE INTEGRATED SAS/SPDS ASSESSMENT.
18. FINAL TRAINING SCHEDULE TO BE DETERMINED.