

Docket File

50 508

JUL 25 1975

Distribution

TR AD's	WHaass
TR BC's	CMoon
DSkovholt	PDO'Reilly
WHouston	DPAllison
PCollins	RCDeYoung
RVollmer	ODParr

Robert E. Heineman, Director, Division of Technical Review, NRR
D. Skovholt, Assistant Director, Quality Assurance & Operations

SCHEDULE FOR WPPSS 3 & 5, PALO VERDE 1, 2 & 3 AND DUKE -6 (CHEROKEE 1, 2 & 3 AND PERKINS 1, 2 & 3)

The staff is not ready at this time to conclude that the interface information contained in CESSAR is complete and sufficient. Ben Rusche, at a meeting on July 14, 1975, directed us to modify our program for the resolution of this matter without impacting the licensing schedules for the CP applicants currently referencing these standard NSSS's.

In order to do this we will need to perform certain tasks. These tasks will involve a coordinated effort between the CESSAR and utility PSAR reviewers in each branch. They will have to be conducted on a limiting time schedule to avoid delay of these plants.

We have prepared revised schedules for meeting the objective set by Mr. Rusche. The details of the necessary reviews and the times when they must be accomplished are listed in the enclosures.

Original signed by:
R. C. DeYoung

R. C. DeYoung, Assistant Director
for Light Water Reactors Group 1
Division of Reactor Licensing

Enclosures:

1. Additional Reviews Required
2. CESSAR Milestones
3. Palo Verde Milestones
4. WPPSS 3 & 5 Milestones
5. Duke Milestones

8605290442 750725
PDR ADOCK 05000488
A PDR

Memo

OFFICE →	LWR 1-3	LWR 1-3	ADP			
SURNAME →	ALLISON	PARR	ODP			
DATE →	7/25/75	7/25/75	7/25/75			

ENCLOSURE 1

ADDITIONAL REVIEWS REQUIRED

1. COORDINATED REVIEW OF CESSAR AND UTILITY PSAR

Perform a coordinated review of the interface and other information contained in the CESSAR and referencing application (CP) dockets to determine whether or not, taken together, they provide acceptable information. This would be done assuming that the interface information contained in CESSAR is not complete (since we are not ready to conclude that it is complete). Additionally, it will be necessary to provide a list of all problems, questions, open items and inconsistencies, which would interfere with concluding that the two applications, taken together, are complete and sufficient. Meet with the applicant to discuss how these items will be handled. After this is decided, publish appropriate comments in the SER's.

2. OPTIONS

Proceed on the basis that CESSAR will delete all optional systems in an amendment to be docketed 08/04/75 and that the utility PSAR's will be expanded to include those which they were previously referencing in CESSAR. The utility PSAR's will utilize the same pages as were in CESSAR so the review can be accelerated. These systems were not discussed in the CESSAR Report to ACRS so they must be discussed in the utility application SER's.

Review these optional systems, as presently described in CESSAR, assuming that they will be incorporated verbatim in the utility PSAR. Provide a list of all problems or questions. Meet with the applicant to discuss how these items will be handled. When this is decided, publish appropriate comments in the SER's.

3. REVIEW OF AMENDMENTS

Several CESSAR and utility PSAR amendments are due in the near future. These must be reviewed and the results published quickly to bring the CESSAR and utility application SER's into consistency with each other and to reduce the number of open items to the minimum number practicable.

OFFICE ➡						
SURNAME ➡						
DATE ➡						

ENCLOSURE 2

CESSAR MILESTONES

- | | |
|--|----------|
| 1. CESSAR Report to ACRS was published based on review of CESSAR through Amendment 28 and, in some cases, 29 | 07/03/75 |
| 2. CESSAR Amendment 33 was received (shutdown cooling system redesign) | 07/07/75 |
| 3. CESSAR to submit Amendment 34 (address open items) | 07/21/75 |
| 4. TR input to LPM based on review of CESSAR through Amendment 34 | 07/28/75 |
| 5. Publish CESSAR Supplement 1 based on review of CESSAR through Amendment 34 | 08/07/75 |
| 6. CESSAR to submit Amendment 35 (options and interfaces and remaining open items to extent practicable) | 08/04/75 |
| 7. TR input to LPM based on review of CESSAR through Amendment 35 | 08/18/75 |
| 8. Publish CESSAR Supplement 2 based on review of CESSAR through Amendment 35 | 09/05/75 |

OFFICE ➤						
SURNAME ➤						
DATE ➤						

ENCLOSURE 3

PALO VERDE MILESTONES

1. Palo Verde SER input (except EI&CSB and SAB)
based on review of Palo Verde through
Amendment 8 corresponding to CESSAR
Amendment 26 07/18/75
2. Palo Verde to submit Amendment 9,
corresponding to CESSAR Amendment 33
and resolving open items 07/21/75
3. Palo Verde letter committing to use CESSAR
optional systems verbatim 07/30/75
4. Perform special reviews of Palo Verde and
provide list of all problems, etc. to LPM.
This consists of: 07/31/75
 - A. Review to determine any problems, questions,
etc. regarding completeness or adequacy of
Palo Verde taken in combination with CESSAR,
assuming that the interface information in
CESSAR may not be complete.
 - B. Review of CESSAR optional systems appropriate
to Palo Verde, assuming they will be incor-
porated verbatim in Palo Verde. (These are
containment spray, iodine removal, new fuel
storage, spent fuel storage, process sampling
and secondary control systems).
5. Meet with applicant to discuss how to handle
problems identified in 4 above 08/07/75
6. TR input to LPM revising SER input, as necessary,
based on 08/15/75
 - A. Special review for interfaces in item 4 above,
as modified by meeting
 - B. Special review for options in item 4 above, as
modified by meeting
 - C. Results of review of Palo Verde Amendment 9
(CESSAR Amendment 33)
 - D. Results of review of Palo Verde letter
(commitment to use options verbatim)

OFFICE ➤					
SURNAME ➤					
DATE ➤					

E, Any effect of CESSAR Supplement 1 published on 08/07/75

(NOTE: For SAB and EI&CSB this is the first SER input instead of a revision).

7. Palo Verde to submit Amendment 10, corresponding to CESSAR Amendment 34 & 35, dealing with options, interface changes, and resolving open items 08/18/75
8. TR input to LPM, revising SER input as necessary, based on 09/03/75
 - A. Review of Palo Verde Amendment 10 (CESSAR Amendment 34 & 35)
 - B. Any effect of CESSAR Supplement 2 to be published 09/05/75
9. Publish Palo Verde SER, based on above items. We currently expect that liquefaction and hydrology will be open items at this time 10/03/75
10. Applicant submit information on liquefaction and hydrology 10/03/75
11. Complete review of liquefaction and hydrology, be prepared to address at full ACRS (if resolved) 10/24/75
12. Full ACRS Meeting 11/07/75

OFFICE ➡						
SURNAME ➡						
DATE ➡						

ENCLOSURE 4

WPPSS NUCLEAR PROJECTS NO. 3 AND NO. 5 NEW MILESTONES


- | | |
|---|----------|
| 1. TR input for WPPSS SER based on review of PSAR through Amendment 17 (corresponding to CESSAR Amendment 16) | 06/16/75 |
| 2. WPPSS submitted Amendment 18 to PSAR (update of PSAR to incorporate CESSAR through Amendment 21) | 06/23/75 |
| 3. WPPSS submitted Amendment 19 to PSAR (update of information regarding geologic investigations) | 06/26/75 |
| 4. WPPSS to submit Amendment 20, corresponding to CESSAR Amendment 32 and resolving open items (original commitment was for 7/1/75 submittal) | 07/15/75 |
| 5. WPPSS Amendment 21 committing to use CESSAR optional systems verbatim | 08/04/75 |
| 6. Perform special reviews of WPPSS application and provide list of all problems to LPM | 08/06/75 |

Reviews consist of:

- | | |
|---|----------|
| A. Review to determine any problems, questions, etc., regarding completeness of WPPSS application taken in combination with CESSAR assuming that the interface information in CESSAR may not be complete. | |
| B. Review of CESSAR optional systems appropriate to WPPSS, assuming that they will be incorporated verbatim into WPPSS PSAR. (These are new and spent fuel storage). | |
| 7. Meet with WPPSS to discuss how to treat problems identified in 6 above | 08/13/75 |
| 8. WPPSS to submit Amendment 22, corresponding to CESSAR Amendments 33 & 34 and resolving open items | 08/21/75 |
| 9. TR input to LPM revising SER input, as necessary, based on | 08/29/75 |

OFFICE ➡						
SURNAME ➡						
DATE ➡						

A. Special review for interfaces in item 6 above,
as modified by meeting

 B. Special review for options in item 6 above, as
modified by meeting

C. Results of review of WPPSS Amendments 18 through
20 (CESSAR Amendment 32)

D. Results of review of WPPSS Amendment 21
(commitment to use options verbatim)

E. Any effect of CESSAR Supplement scheduled for
issuance on 8/7/75

(TR revision of SER input was formerly scheduled for
7/29/75 based on WPPSS commitment to complete
CESSAR update and furnish information on open items
by 7/1/75)

10. WPPSS to submit Amendment 23, corresponding to CESSAR
Amendment 35, dealing with options, interface
changes, and resolving open items. (WPPSS cannot
turn CESSAR Amendment around in 2 weeks, as
Palo Verde can, because of method of referencing
CESSAR physical incorporation. WPPSS will provide
statement on 8/18/75 that they have reviewed
Amendment 35 and either take no exceptions or
identify problem areas)

09/04/75

11. Publish WPPSS SER based on Items 1 through 9 (SER
can report status of WPPSS position with regard
to CESSAR Amendment 35 as stated in WPPSS letter
to be submitted 8/18/75 and state that,
following documentation in the PSAR, we will
review the information and report results in the
Supplement)

09/29/75

12. WPPSS Full ACRS Meeting

11/07/75

OFFICE ➤						
SUNNAME ➤						
DATE ➤						

ENCLOSURE 5

CHEROKEE/PERKINS (DUKE-6) MILESTONES

1. Duke-6 SER input
(Input from SAB, AAB, MEB not completed by
7/18/75. Input from other branches includes
too many non-CESSAR unresolved issues for
SER issuance) 06/16/75
2. Duke-6 Amendment No. 17 incorporating same
description of some systems described in
CESSAR as optional systems and removing
all commitments to CESSAR options 07/21/75
3. Complete outstanding input to SER (based on
application through Amendment 16) under
item 1 07/25/75
4. Complete special review of Duke-6 considering
CESSAR as part of Duke-6 application and
considering the removal of CESSAR options 08/08/75
5. Complete meetings on outstanding issues
(items 1 and 4) with applicant 08/15/75
6. Additional TR input for Duke-6 SER to LPM
(based on item 5) 08/25/75
9. Duke-6 PSAR revisions incorporating changes
in response to item 5 09/05/75
10. TR inputs on Duke-6 ECCS 09/15/75
11. Publish Duke-6 SER 11/04/75
12. Duke-6 ACRS Meeting 12/05/75

OFFICE ➡						
SURNAME ➡						
DATE ➡						