

ROUTING AND TRANSMITTAL SLIP		ACTION	
TO (Name, office symbol or location)		INITIALS	CIRCULATE
FAUST ROSA P822		DATE	COORDINATION
2		INITIALS	FILE
		DATE	INFORMATION
3		INITIALS	NOTE AND RETURN
		DATE	PER CONVERSATION
4		INITIALS	SEE ME
		DATE	SIGNATURE
REMARKS FAUST - If you will process the attached it should close out the I/C effort on BSAR-205. Based on prior conversations with yourself & Bob Fitzpatrick, I believe the statements in the attached to be O.K. Do NOT use this form as a RECORD of approvals, concurrences, disapprovals, clearances, and similar actions.			
FROM (Name, office symbol or location)		DATE	
Tom Cox		08/31/77	
		PHONE	
		27243	
OPTIONAL FORM 41 AUGUST 1967 GSA FPMR (41CFR) 100-11.205			

To: DB Vassallo
From: R.L. Tedesco

SUBJECT: REVISED SER INPUT FOR CSAR-205

Plant Name: CSAR-205

Docket No: STN 50-561

Licensing Stage: PDA

Milestone No: 27-03 (I & C Input to SE Complete)

Responsible Branch: LWR-3

~~and~~ LPM

T. Cox

Requested Completion Date: Aug 25 1977

Review Status: Complete

- References:
1. "SER Input for CSAR-205", memo from R.L. Tedesco to DB Vassallo, February 28, 1977.
 2. "Report to the Advisory Commission on Reactor Safeguards", for CSAR-205, dated July 8, 1977.

- 4. Letter, J.H. Taylor to R.S. Boyd, "CSAR-205- Outstanding Issues", August 8, 1977
- ↘ 3. Letter, J.H. Taylor to R.S. Boyd, "CSAR-205- Outstanding Issues", July 15, 1977.

Our initial report on this review was provided

in reference 1. The report was incorporated, with

modification, in reference 2. Two open issues in the Electrical area

were discussed in sections 7.3 and 7.9 of reference 2

B&W addressed each of the open issues in letters

Comment: R. Fitzpatrick

to the NRC, references 3 and 4. We have evaluated the C&W responses and conclude that their responses are adequate at the preliminary design stage of review. Enclosed are suggested revisions to the July 8 Report to the ACRS which are considered suitable for the Safety Evaluation Report, ^{to be issued} ~~submitted~~ in conjunction with a decision on issuance of a Preliminary Design Approval.

This completes our ^{scheduled} review effort on the CSAR-205 project.

Robert L. Tedesco

Enclosure: As stated

cc: (see attached list)

Open Issue Number 10, ESAS Preliminary Failure Mode and Effects Analysis.

Revise last paragraph in section 7.3 of ^{the} Report to the ACRS to read as follows:

Babcock & Wilcox has stated that a failure mode and effects analysis for the engineered safety features actuation system will be provided in a topical report prior to a Final Safety Analysis Report submittal for the BSAR-205. We requested Babcock & Wilcox to submit a proposed preliminary program plan including the criteria, methods, and procedure they plan to use in preparing the final design failure mode and effects analysis. In a letter response dated July 15, 1977, Babcock & Wilcox addressed this staff requirement. We have evaluated their response and find it acceptable at the preliminary design stage of review.

Open Issue Number 11, Compliance with IEEE-323-74
for Makeup Pump and Decay Heat Removal
Pump Motors

Revise the last paragraph in section 7.8 of the
Report to the ACRS to read as follows:

Babcock & Wilcox initially presented, ^{an abbreviated description} of a program
^{led}
to demonstrate the environmental qualification of the
makeup pump motors (high pressure injection) and
the decay heat ^{removal} pump motors (low pressure injection).

We reviewed their presentation in ESAR-205 and,
at the time of the Report to the ACRS on July 8, 1977,
^{several} had unresolved concerns about the program.

In a letter to the Staff on August 8, 1977, Babcock
and Wilcox committed to qualify Class IE motors
for safety related pumps in accordance with
IEEE Standard 323-1974. They further committed
to describe the qualification program, including
methods and acceptance criteria for environmental
qualification, in ^a suitable generic document

such as a C&W appeal report, or an
Appendix to the CSAR-205, which would be
submitted prior to a final design application
referencing CSAR-205. B&W¹ further stated their
commitment to the mutually satisfactory
resolution of any issues that might develop
from the review of their proposed qualification
program. We find the Babcock & Wilcox
commitments acceptable at the preliminary
design stage of review.