

POWER ENGINEERING SOCIETY

IEEE NUCLEAR POWER ENGINEERING COMMITTEE

MEMO

**Meeting Minutes of S94-2
Downers Grove, IL
July 25-26, 1994**

DATE: August 16, 1994
TO: Subcommittee 3 Membership
FROM: John Taylor, SC-3 Secretary
SUBJECT: SC-3 (Operations, Surveillance, & Testing) Minutes of S94-2
Meeting Held at Downers Grove, IL on July 25-26, 1994

To the maximum extent possible, these minutes correspond to the published agenda items (refer to [Attachment 1](#)) and order established for the meeting.

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

IEEE POWER ENGINEERING SOCIETY

NUCLEAR POWER ENGINEERING COMMITTEE

SC-3, Operations, Surveillance, and Testing

Minutes for Meeting S94-2

Downers Grove, Illinois

ATTENDANCE

All in attendance introduced themselves and their affiliation. The attendees are listed below:

Members Present

Millard Allen
Lamis Fleischer
John Ullo

Vince Bacanskas
Wayne Lundgren
Jit Vora

Jack Cronk
Steve Parsons

Jerry Edson
John Taylor

Members Absent

Anjjah Athelli
Sonny Kasturi
Hubert Plage

Rufus Brown
Alex Marion

Rick Dulski
Bob McCoy

Larry Gradin
Wade Messer

Other Interested Parties Present

D.P. Ganguly (WG 3.3)
Dave Horvath (WG 3.4)
Mike Villaran (WG 3.3)

Carl Weary (WG 3.3)
Brij Bharteey (WG 3.4)
Wayne Johnson (WG 3.3)

Tom Hart (WG 3.4)
Terry Bostian (WG 3.3)

1. INTRODUCTION AND OPENING REMARKS

Chairman John Ullo opened the meeting at 10:00 AM by welcoming everyone and reviewing the agenda, and adding some new business items which are discussed under that heading. The logistics for the Bryon tour were reviewed. Chairman Ullo thanked Terry Bostian for recording the minutes at the last meeting. John Taylor also thanked Terry for standing in for him.

2. SECRETARY'S REPORT

A. S94-1 Meeting Minutes

Secretary John Taylor presented the minutes from S94-1 for approval. Some editorial comments were noted and a motion to approve with comments was made by Lamis Fleischer and seconded by Terry Bostian. The minutes of the meeting were accepted by the subcommittee. Changes to minutes were: 1) attendance - J. Edson from absent to present, 2) Section 3D, Future Meetings, S94-2, Change to July 25--~9, 3) Section 10, 1st bullet, line 3, change "new" to "now", 4) spelling of Vancouver" (Section 2A) and "relevance" (Section 10, 3rd bullet).

B. Action Item Status

A status report of the Action Items identified in the minutes of S94-1 was given by John Taylor as follows:

AI-93-2-2 Lamis Fleischer to coordinate arrangement of S94-2 meeting in Downers Grove, IL.

Status: Per Secretary Taylor, AI is closed.

AI-94-1-1 Arrange for Certificate of Appreciation for Fray Thompson by Chairman Ullo

Status: Open

C. Alligator Fund

The Alligator Fund is made up of voluntary contributions from SC-3 members that provides funds to cover the cost of meeting rooms, refreshments, etc. Chairman Ullo announced that the current balance is \$67.75. John Taylor assumed responsibility for the fund. After contributions for S94-1 and expenses for S94-1, the current balance of the Alligator Fund is \$0.00.

3. CHAIRMAN'S REPORT

A. SC-3 Membership

Chairman Ullo noted that we had lost some members and that we needed to add some from the Utility Area. The Chairman advised the SC that he planned to invite Steve Ortiz, Brij Bharteey, Carl Weary, and Terry Bostian to become members. Chairman Ullo also noted that he had received a request to join the SC from an individual, but had turned him down for experience reasons, his name was passed on to the working group chairmen (Refer to [Attachment 2](#)). The Chairman noted that some members had changed jobs and he was going to give them some latitude on attendance. A discussion on attendance policy ensued and also on membership requirements. The Chairman is going to review the SC charter to see if Working Group Chairmen need to be members of the SC (Note: This is identified as AI S94-2-1). The current membership list is included as [Attachment 3](#).

B. NPEC Activities

A summary of important items from NPEC Meeting N94-1 was provided by John Ullo:

- EMI/IFI is being handled by SC-6
- SC-5 is not going to be combined with SC-7, consequently SC-5 is looking for a new Chairman.
- SC-7 is looking for a Chairman - see Jim Thomas if you are interested.
- Discussion of differences in philosophy between IEC and IEEE
- Sonny Kasturi attended N94-1 and his report dated 4/25/94 is included as [Attachment 4](#).

The Chairman re-emphasized the NPEC thrust areas and they are summarized as follows:

- Digital Systems
- Use of Experience data
- Standards Relevance
- Operating /Maintenance Cost Reduction
- Education of Engineers and General Public
- EQ/Licensing Renewal
- EMI/RFI Requirements

C. Sponsored Sessions

The subcommittee sponsored a number of sessions at the Winter Power Meeting, which were poorly attended. A discussion ensued about the possible lack of interest by the attendees at the Winter Power meeting in nuclear presentations. No sponsored sessions are currently planned by SC-3 for the near future.

D. Future Meetings

Chairman Ullo requested that the membership consider presentations and tours for future meetings.

- S95-1 is tentatively scheduled for Fort Worth, Texas with a meeting with Comanche Peak in regards to maintenance. The meeting is scheduled for February 9-10, the Comanche Peak visit will be on the afternoon of 2/9 and the SC meeting will be on 2/10.

- S95-2 is tentatively set for Washington, D.C. It was suggested that a brief discussion of the Standards approval process (10 min.) be made at S95-1. This is AI S94-2-2 and Vince Bacanskas has the action.

4. WG 3.0 REPORT

No report was submitted by WG 3.0.

5. WG 3.3 REPORT

Chairman Vince Bacanskas reported that WG 3.3 plans to submit P1359 for NPEC preview in November 1994. He will send the draft to SC-3 in the same time frame. Vince stated that P1359 is going to document existing practices and could assist with keeping equipment in a state of readiness. A preview of P1359 is planned at the next NPEC meeting, N94-2.

Vince submitted pertinent portions of their last meeting minutes as a WG report, it is included as [Attachment 5](#).

6. WG 3.4 REPORT

Chairman John Taylor reported that WG3.4 was working on raising the level of awareness of IEEE Std. 1205. He solicited suggestions from the SC on this subject. John also noted that the WG was meeting to discuss this and plan a course of action.

The WG 3.4 report is included as [Attachment 6](#).

7. WG 3.6 REPORT

Steve Parsons reported that no inquiries were received concerning IEEE Std. 415-1986.

The WG 3.6 report is included as [Attachment 7](#).

8. WG 3.7 REPORT

No one from WG 3.7 was at the meeting. The Chairman, Steve Ortiz, had phoned in a report which is included as [Attachment 8](#). Essentially, P692 has been submitted for NPEC ballot.

9. LIAISON REPORTS

<i>NRC</i>	Jit Vora presented the NRC Liaison report (refer to Attachment 9). He reviewed the changes to the license renewal rule, the status of NPAR, and EQ Research. The proceedings from the November 1993 EQ workshop has been published and the cover is included as Attachment 10 .
<i>ISA</i>	Rich Dulski was not present, but he submitted a report which is included as Attachment 11 .
<i>NEI</i>	Alex Marion was not present and no report was made.
<i>SC-2</i>	There is currently no Liaison for SC-2. Vince Bacanskas agreed to do this.
<i>SC-4</i>	There is currently no Liaison for SC-4. Wayne Lundgren agreed to do this.
<i>SC-5</i>	There is currently no Liaison for SC-5. The SC needs to identify one. This is AI S94-2-3 -action by Chairman Ullo.

- SC-6** Wade Messer was not present. No formal report was submitted. Dave Horvath gave a verbal report and followed up with a written report. See [Attachment 12](#).
- SC-7** John Taylor gave a report on SC-7 activities. It is included as [Attachment 13](#).
- SC-8** Larry Gradin was not present at the meeting but submitted a report (refer to [Attachment 14](#)).
- SC-10** Alex Marion was not present and no report was submitted.

10. NEW BUSINESS

- SC-3 will be reviewing a standard for batteries, P1106-12-93 for NPEC. (Refer to [Attachment 15](#).)
- WG 3.3 was responsible for reviewing NUREG/CR-5954, an NPAR aging assessment of CVCS.
- Jack Cronk was the reviewer and he said it was a good technical report and that he had no comments. (Refer to [Attachment 16](#).)
- Mr. D. Brown has requested a copy of P1359, Good Maintenance Practices. Vince Bacanskas will be responsible. This is AI S92-2-4. (Refer to [Attachment 17](#).)
- The NRC has requested NPEC to review the revised Regulatory Guide 1.160 on maintenance effectiveness. WG 3.3 will review for NPEC. The draft RG is [Attachment 18](#). The document was handed out at the SC-3 meeting and all members were advised to get comments to Vince by 8/12/94. Vince was also requested to solicit input from the Byron Station.
- SC-6 has reviewed draft NUREG/CR-6087, an NPAR aging assessment of BWR/RCIC systems, and submitted comments to the NRC. This comment letter is included as [Attachment 19](#).
- It was noted that IEEE Headquarters will mail out official IEEE correspondence (e.g., minutes, ballots). Send any items of this nature to Luigi Napoli, Piscataway, N.J.

11. BYRON TOUR

A meeting and tour of the Bryon Station on the morning of July 26, 1994. The following are the key points:

- Meeting with Plant Superintendent
- Meeting and discussion with Maintenance Supervisor and associates regarding maintenance rule.
- Plant tour
- Presentation on how Bryon is implementing Regulatory Guide 1.16

ATTACHMENTS

1. [S94-2 Agenda](#)
2. [Membership Request Letter](#)
3. [SC-3 Membership List](#)
4. [Report on NPEC Meeting N94-1](#)
5. [WG 3.3 Report](#)
6. [WG 3.4 Report](#)

7. [WG 3.6 Report](#)
8. [WG 3.7 Report](#)
9. [NRC Liaison Report](#)
10. [Report Cover Page - EQ Workshop](#)
11. [ISA Liaison Report](#)
12. [SC-6 Liaison Report](#)
13. [SC-7 Liaison Report](#)
14. [SC-8 Liaison Report](#)
15. [P1106-12-93 Ballot](#)
16. [NUREG/CR-5954 Review Request](#)
17. [Request for copy of P1359](#)
18. [Draft Regulatory Guide 1.160](#)
19. [Comments on draft NUREG/CR-6087](#)

[SC-3 Meeting Minutes Page](#)

[SC-3 Home Page](#)

[NPEC Home Page](#)

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