

June 27, 2001

MEMORANDUM TO: Kamal A. Manoly, Chief
Civil and Engineering Mechanics Section
Mechanical and Civil Engineering Branch
Division of Engineering

FROM: Jai Rajan */RA/*
Civil and Engineering Mechanics Section
Mechanical and Civil Engineering Branch
Division of Engineering

SUBJECT: TRIP REPORT: MEETINGS OF ASME O&M SUBRGROUP PIPING
JUNE 4, 2001, AND SUBCOMMITTEE ON OM STANDARD AND
GUIDES, JUNE 5, 2001

The referenced meetings were held at the Holiday Inn on King St. in Alexandria, Virginia. This report covers the proceedings of both meetings since the relevant issues of the subgroup meetings were discussed at the subcommittee meeting.

The Chairman of the subcommittee, J. Pelletier, noted the improving outlook for nuclear power in his opening remarks. With the problems of power supply in the west, public sentiment seems to be more favorably inclined towards new nuclear power plants than it has been in a very long time. This in addition with the support for nuclear power in the President's energy policy, the prospects that nuclear power will see a resumption of growth in the near future appear to be high. It would be advisable to keep in mind in the course of our standards and guides work to make sure that any emerging needs of the industry are recognized and met quickly.

Mr. Rowley did not participate in O&M Committee activities during this meeting. Mr. Rowley is one of two candidates for the position of ASME Vice President and Chairman of the Board of Nuclear Codes and Standards. This is the first meeting Mr. Rowley has missed in over ten years.

Artin Dermenjian was recently named an ASME Fellow. Artin has been a long time contributor to the O & M Committee's activities and the Subcommittee members were encouraged to congratulate Artin.

SUBGROUP TECHNICAL REPORTS

The status reports of the following subgroups were discussed.

(1). SG Diesel Generators

ROM01-07: Late in the process a large number of comments were received from those who participated in the national conference of all diesel generator Owner's Groups. These comments are being addressed and the draft document which is expected to be ready for pre-

vote review and comment by the end of June. The draft covers all the applicable elements in the Strategic Plan and will meet the Globalization standards for denationalization and metrication.

(2). SG Loose Parts

ROM00-12, Changes to address metrication and to address the withdrawn negative on LB 168 have been prepared and were sent to the Secretary for pre vote review earlier. The Subgroup did not meet.

(3). SG Functional Systems (OM Part 2)

The Subgroup had meetings all week to maximize use of meeting time in light of the reduction in Main Committee meetings to twice a year.

(a) ROM00-01, Proposed Std, Performance Testing of ECCs in LWR's-The Main Committee Letter Ballot negatives were resolved and the proposal sent to the Board where there were 2 negative ballots. There is a question regarding the legitimacy of the negatives that is to be addressed by the Board at their meeting. The proposed standard is an administrative merger of the two approved standards with no technical revisions. The negatives deal with the technical content and with the fact that the same comments were made at the pre-vote review comment period and that they were not addressed at that time. A response has been prepared for these negatives, in case the Board determines that they must be addressed.

(b) ROM99-06, OM Part 2, Performance Testing of CCW Systems. Work is in progress to address MC Ltr Ballot comments to make the Standard consistent with Part 15/20 methodology and address metrication. A draft of the standard that is consistent with the Pt. 15/20 methodology has been prepared and work is continuing. The draft is expected to be sent to the Secretary by the end of June for pre-vote review and comment.

(c) ROM01-_: Part 17 metrification-The changes are very minor and will be sent out as a letter ballot to the Main Committee with copies to the Board for review and comment.

(d) ROMXX-XX_, Generic Systems Testing Standard-ROM99-07 approved this scope of work. The start of this work will be delayed until the group completes current ongoing work. A new ROM will be opened for the creation of this new standard at the appropriate time.

(4). SG Heat Exchangers (OM Part 21)

OM Part 21, "Testing of Heat Exchangers," is in need of an update and metrication (note: at the Main Committee meeting Mr. Vogan's membership and chairmanship of this group was approved. In addition the membership of Mr. Bernhard was approved).

(5). SG Piping Systems (OM Parts 3 and 7)

- ROM99-13, OM-3, Vibration Testing of Nuclear Plant Piping Systems and OM-7, Thermal Expansion Testing of NPP Piping, Metric Conversion-The proposed revisions passed Main Committee and Board letter ballots and are approved.
- ROM00-15, Part 3 Appendices G, H & I-The Subgroup is addressing the comments received from the pre-vote review and comment period. The resulting proposal will be sent to the Secretary shortly for Main Committee letter ballot.
- A Section III Subgroup proposal to extend the endurance limits for carbon steel to 10 E11 was passed on to the Group. This part of Section III is referenced in OM Standards and Guides, Part 3.

(6). SG Reactor Internals & Heat Exchangers (OM Parts 5 and 11)

- OM 5, Monitoring of Core Support Barrel Axial Preload in PWR's-Metrication is nearing completion. This has been forwarded to the Secretary for ballot. The Chairman will follow up with the Secretary on this item.
- ROM 00-02, OM Part 11, "Vibration Testing of Heat Exchangers, Metric Conversion", draft markup completed. After Chairmans review the markup, it will be provided to the Secretary for Main Committee letter ballot.

(7). SG Rotating Equipment (OM Part 24)

- The Subgroup meeting was held with greatly improved participation (5 members and 2 prospective members participating.)
- ROM99-03, OM Part 24, Second consideration Main Committee letter ballot 258A passed with 18 approvals, 4 disapprovals and 4 not returned. The BNCS ballot negatives relating to whether the proposal should be a standard or a guide are being addressed by the Board. Responses have been prepared for the negatives and will be addressed to the negative voters to attempt withdrawal or failing that the matter will be sent to the Board for second consideration.
- ROM 00-13 Scope Statement for Condition Monitoring of Rotating Equipment standard: The Special Committee Standards Planning is pursuing this proposal. The pre vote review comments were generally favorable and a Main Committee letter ballot is anticipated. It was noted that a wider range of expertise would be needed to tackle this project.

(8). SG RTS's (OM Part 26)

Part 26, Reactor Coolant RTS's Thermal Calibration: The Subgroup did not meet due to last minute cancellations. Mr. Riccio reported to the Chairman that the draft is well underway with a few key decisions on approach remaining outstanding. In addition, 2 new members for the group were proposed.

SUBCOMMITTEE STANDARDS AND GUIDES STRATEGIC DIRECTION

The ideas generated at the previous meeting did not provide sufficient input for creation of a draft strategic direction for the Subcommittee. The members briefly discussed the elements of a mission statement and brainstormed a list of areas not currently covered by Standards and Guides that could be of use to the industry. The areas listed were then ranked by each member and the results summed to create an overall ranking by the members. This input will be used by the Chairman to create a draft strategic plan. The items and associated point totals are listed below.

POINTS	ITEM	POINTS	ITEM
30	Thermal/Hydraulic Performance Monitoring	21	Preventive Maintenance Program
29	HVAC System Testing	20	Digital Signal Processing
26	Cycle Monitoring	20	Structural Inspections
26	Predictive Maintenance	20	Program Optimization
25	Life Extension	17	Vibration Monitoring Equipment Calibration
25	Piping/Equipment Support Inspections	13	Personnel Qualifications
22	Risk & Data Evaluation	11	Roof Inspection and Maintenance

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