

PDR 10/3/96

August 7, 1996

SUMMARY/MINUTES OF THE
ACRS PLANNING AND PROCEDURES SUBCOMMITTEE MEETING
AUGUST 6, 1996

The ACRS Subcommittee on Planning and Procedures held a meeting on August 6, 1996, in Room 2B1, Two White Flint North Building, Rockville, Maryland. The purpose of the meeting was to discuss matters related to the conduct of ACRS business. The meeting was convened at 1:10 P.M. and adjourned at 3:20 P.M.

ATTENDEES

T. S. Kress, Chairman
R. L. Seale
W. J. Shack

ACRS Staff

J. T. Larkins, ACRS Executive Director
R. P. Savio
C. A. Harris
S. Duraiswamy
R. Summers

1. MEETING WITH CHAIRMAN JACKSON

Dr. Larkins met on August 1, 1996 with Chairman Jackson. Principal topics of discussion were ACRS/ACNW FY '97 and '98 budget, status of Chairman's items of interest, international activities, and Committee composition.

RECOMMENDATION

The Subcommittee recommends that Dr. Larkins brief the Full Committee on his meeting with Chairman Jackson.

2. INTERNATIONAL

- The ACRS received a fax from Dr. Töpfer, of the German advisory committee, RSK, requesting a meeting in September. In a telephone discussion, Dr. Töpfer suggested September 16th and Dr. Larkins suggested that September 11th would be preferable. A copy of the fax and our reply are attached (pp. 1 and 2).
- The ACRS Office received an e-mail message from the Canadian Advisory Committee on Nuclear Safety (ACNS) commenting on the schedule proposed by the ACRS for the ACRS/ACNS meeting on October 9, 1996. A copy is attached

(p. 3). The Planning and Procedures Subcommittee discussed the changes proposed by the ACNS and recommended some changes. Subject to ACRS approval, this revised schedule will be prepared and sent to ACNS. A final agenda will be available at the September ACRS meeting.

- It has been suggested that the Quadripartite Meeting be held in the spring of 1997, rather than the fall. A fax has been sent to Dr. Togo requesting proposed dates for this meeting.

RECOMMENDATIONS

- The Subcommittee recommends that ACRS members be asked about their availability for a meeting with the German RSK Committee on both September 11 and 16, and that a reply be faxed to the RSK.
- Based on the email message from the Canadian ACNS, a revised agenda for the meeting is attached (p. 4). Members are requested to comment on this agenda at this meeting.

3. ACRS SUBCOMMITTEE MEETING

A Subcommittee Meeting (retreat) for ACRS Members and ACRS senior management has now been scheduled for October 17-18, 1996, at the Royal Sonesta Hotel in Boston, MA, with hotel rooms reserved for members and staff on October 16 and 17.

4. INTERACTIONS WITH RES

- Drs. Kress and Larkins met with Dr. Morrison, Director of RES, to discuss the roles of ACRS and NSRRC (Nuclear Safety Research Review Committee) in reviewing research activities. Background information is included on pp. 5-11.
- RES plans to meet with the French on September 30 and October 1, 1996 (in France) to discuss the proposed thermal hydraulic research program at the CATHARE test facility. A proposed agenda for this meeting is attached (p. 12). The results of this research will be used in revising the NRC thermal hydraulic codes. RES has requested Dr. Catton's participation in this meeting.
- In its June 24, 1996, report to Chairman Jackson, the Committee commented that the present codes RELAP/SCDAP are not capable of addressing the steam generator tube temperature distributions under severe accident conditions. This comment was made without prior discussion with the appropriate NRC staff. Consequently, the staff

is questioning the basis for this comment.

RECOMMENDATIONS

- The Subcommittee recommends that both Dr. Catton and Paul Boehnert attend the meeting in France if possible.
- The Subcommittee recommends that the cognizant Subcommittee Chairman and the ACRS staff review the Committee's conclusions and recommendations to bring to the Members' attention those subjects that have not yet been discussed with the appropriate NRC staff.

5. TRAVEL

The following travel requests have been received:

- Dr. Catton has requested approval to attend the International Conference on Performance-Based Codes and Fire Safety Design on Sept. 24-26, 1996, in Ottawa, Ontario (pp. 13-18).
- Drs. Apostolakis and Fontana have requested approval to attend PSA '96 on Sept. 29-Oct. 3, 1996, in Park City, Utah (pp. 19-20).

RECOMMENDATIONS

The Subcommittee recommends that the above travel requests be approved.

6. MEMBERS' ISSUES

No members' issues were raised.

RSK-Geschäftsstelle / Office of the Reactor Safety Commission
Husarenstraße 30, D - 53117 Bonn

TELEFAX

An / To: ACRS-Office, c/o Mr. Larkins

Telefax-Nr./
Facsimile Phone No: 001-301-415-5589

von / from: RSK-Geschäftsstelle, Dr. Töpfer

Tel.-Nr./
Phone No: 0049-228-305-3756

Telefax-Nr./
Facsimile Phone No: 0049-228-670388

Seitenzahl/
No of pages: 1

Betr./Subject: ACRS/RSK discussion about advanced reactors R&D Projects

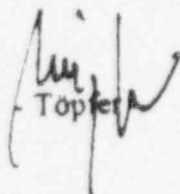
Text:

Dear Mr. Larkins,

to prepare the ACRS/RSK discussion planned for September Prof. Hicken gave us an overview of R&D projects for advanced reactor concepts in the USA. We sent this list to these RSK members who will take part in this visit, probably. Every participant was to decide which of the projects he would like to go and see to. Some of them asked us for the location of the some projects.

I would like to ask you to send me the names of the towns and of the state for the following projects:
Critical heat flux - Penn State University, Human Factors - Halden Project, DOE ARSAP, EPRI
AIWR.

With best regards


Töpfer

FACSIMILE TRANSMITTAL

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS ADVISORY COMMITTEE ON NUCLEAR WASTE

Facsimile To: Dr. Töpfer		Date: 8/5/96
Facsimile Phone No.: (49) 228-670388		
Verification Phone No.: (49) 228-305-3756		
No. of Pages (Including transmittal instructions): 2		
Facsimile From: Roxanne Summers		
Facsimile Phone Nos.:	FAX#1 - 301-415-5589	[AT T2E26]
	FAX#2 - 301-415-5422	[At T2E12]
Verification Phone No.: 301/415-7371		

REMARKS

Dear Dr. Töpfer:

As we agreed in our telephone conversation on August 1, 1996, I have listed below the locations of the research projects you requested in your telefax last week.

Critical heat flux: Pennsylvania State University
College Park, PA (about 3/12 hours from Washington by car.)

DOE ARSAP: This work is carried out in three locations:

Univ. of California - Santa Barbara, California (Steam explosions, ex-vessel cooling)
Argonne National Laboratory - Argonne, Illinois (near Chicago) (core melt)
Oak Ridge National Laboratory, Oak Ridge, Tennessee (core spread using glass bead dispersion technology)

EPRI ALWR: Pittsburgh, Pennsylvania; San Jose, California; Winsor, Connecticut
(location of Westinghouse, General Electric, and Combustion Engineering, respectively)

Please let me know as soon as possible which sites your Committee members would like to visit, and the names of those wishing to visit each site. These visits must be coordinated with the Department of Energy and we have very little time to do so.

We would also appreciate receiving confirmation of the date of your meeting with ACRS (preferably September 11th), because we would like to arrange for your visit during their August meeting, which takes place this week.

Sincerely,

Roxanne Summers
Technical Secretary

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From: <atchison.r@atomcon.gc.ca>
To: TWD1.TWP2(rgs1)
Date: 7/25/96 5:31pm
Subject: ACRS/ACNS meeting October 9, 1996

Roxanne,

Your proposed agenda of July 22 was discussed at our meeting on July 23. The ACNS is comfortable with items 1), 2), 3), 5), 7), 8) and 9), but is not sure it could contribute anything useful to a discussion of items 4) and 6).

Under item 5) on licence renewal, it would like to discuss ageing problems as related to maintainability and backfitting.

And under item 9) on general issues, it would like to discuss the application of ALARA, de minimis, and cost-benefit analysis, and touch on the implications of utility de-regulation (in the US).

Sounds like a rather full day, but perhaps some items would not take as long as allowed for - especially if there happens to be a meeting of minds on a particular topic.

Since our meeting on the 23rd ran out of time to finish two important items, the ACNS will be meeting again on August 28 to finish those items, and also to prepare for our meeting with the ACRS. Let me know if more clarification is needed or if we've misunderstood the content of some of the proposed topics.

Best regards,

Bob.

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
MEETING WITH CANADIAN ADVISORY COMMITTEE ON NUCLEAR SAFETY
11545 ROCKVILLE PIKE, ROOM T-2B3
ROCKVILLE, MARYLAND - OCTOBER 9, 1996

- PROPOSED AGENDA -

- | | | | |
|----|--|----------------|-----------------------------|
| 1) | Introduce ACRS Members, ACNS
representatives | 8:30-9:00 am | Kress
Pearson |
| | - ACRS and ACNS missions,
regulatory environments | | |
| | - process/products | | |
| | - interactions | | |
| | - independence | | |
| 2) | Risk-informed/performance-
based regulation | 9:00-10:00 am | Apostolakis/Powers
/ACNS |
| | - prescriptive vs. performance-
based regulation | | |
| | - PRA methods and completeness | | |
| | - defense in depth | | |
| | **BREAK** | 10:00-10:15 am | |
| 3) | Risk-informed/performance-
based discussion - continued | 10:15-11:30 am | Apostolakis/
ACNS |
| | **LUNCH** | 11:30-1:00 pm | |
| 4) | License renewal | 1:00-2:15 pm | Fontana/ACNS |
| | - aging | | |
| 5) | Training & use of simulators | 2:15-3:00 pm | Seale/ACNS |
| | **BREAK** | 3:00-3:15 pm | |
| 6) | Digital I&C | 3:15-4:15 pm | Miller/ACNS |
| | - Standard Review Plan update | | |
| | - NAS/NRC Phase 2 study | | |
| 7) | General discussion, issues
for followup | 4:15-5:00 pm | Kress
Pearson |

From: Richard Savio
To: TWD2.TWP0.DLM3, TWD2.TWP0.JXC5
Date: 3/27/96 3:09pm
Subject: acrs letters

David---Commissioner Dicus asked Tom Boulette during the Commission briefing this morning if the NSRRC was receiving ACRS and ACNW letters on research matters. Tom indicated that the NSRRC was not, except in that RES would sometimes provide the letters to them. This surprised me in that I believed that we had been providing research-related ACRS and ACNW letters directly to the NSRRC chairman, in addition to the RES distribution, a number of years. I had Carol Ann Rowe check our distribution lists and found that our respective offices had not coordinated on the change in the chairmanship of the NSRRC. Carol Ann will contact Jose Cortez and get Tom's mailing address. I would appreciate it if you would task someone (Jose ?) with giving a current address to either Carol Ann (CAR1) or Sam Duraiswamy (SXD1) when future changes are made. We have been receiving NSRRC reports and distributing the reports to ACRS and ACNW members as part of their continuing review of the NRC and industry research. I will have a copy of our February 27, 1996 report to the Congress on the NRC's safety research programs (which contains all of the 1995 ACRS letters on research programs) along with recent research-related ACNW letters to Tom Boulette. Talk to you later. Dick Savio

CC: CAR1, SXD1

From: Richard Savio
To: car1,daa,img2
Date: 7/11/96 11:59am
Subject: res coordination

CAROL/ DONNA/ LILLIE-----By way of our Office's coordination with Jose Cortez and the RES's NSRRC I would like you to continue to do/ start to do the following:

1) Send (hard copy, regular mail) all publicly available (not classified, relating to personal matters, etc) ACRS and ACNW reports to the NSRRC chairman and Jose Cortez. They should already be on your distribution lists.

2) Send (via e-mail) all subcommittee, working group, and full committee agenda to Jose.

3) Send Jose copies of our current member and staff subcommittee/working group assignment lists and the revisions as they are issued so he can be currently informed as to who is responsible for what.

4) Send Jose ,as they are issued, the annual lists of the scheduling of full committee meetings and the monthly lists of the scheduling of anticipated ACRS subcommittee meetings.

Our old (1991) agreement only provides for informing NSRRC of meetings and reports which involve research topics whereas this provides information on all of our activities. The effort (particularly with electronic distribution) and amount of material under this new arrangement should not be excessive and will avoid having a staff engineer or a manager having to flag individual documents before the documents are sent to Jose, which invites omissions. Jose is also likely to find the additional information useful. Let me know if this needs further explanation. Thanks Dick Savio

CC: rkm1,hjl,sxd1