

ACRS-3055

April 4, 1997

SUMMARY/MINUTES OF THE
ACRS PLANNING AND PROCEDURES SUBCOMMITTEE MEETING
APRIL 2, 1997

The ACRS Subcommittee on Planning and Procedures held a meeting on April 2, 1997, 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 1:30 P.M. and adjourned at 3:45 P.M.

ATTENDEES

R. L. Seale, Chairman
D. A. Powers
T. S. Kress

ACRS Staff

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

1) DOCUMENTS REFERRED TO IN ACRS REPORTS/LETTERS

Certain documents were referred to in the report to Chairman Jackson approved by the full Committee on the Human Performance Program Plan. While the Subcommittee Chairman was familiar with all the documents cited in the text of the report or the list of references, many of them had not been distributed to ACRS Members, nor to the staff. Members are reminded to distribute supporting documents well in advance so all Members will "have benefit of the documents referenced" before reports or letters are approved. (Carried over from March 5, 1997.)

RECOMMENDATION

The Subcommittee recommends that the cognizant Subcommittee Chairman and Staff Engineer ensure that all documents to be referenced in an ACRS report or letter are distributed to all ACRS members prior to the meeting at which such a report or letter is written. A further check will be made during the final review of the draft report or letter prior to presenting it for final approval.

RECOMMENDATION

2) PRIORITIES FOR THE REMAINDER OF FY 1997

Dr. Seale has prepared a list of priority ACRS issues for the remainder of CY 1997, which he will discuss at the Atomic Safety and Licensing Board

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Panel Meeting later this month. If the Committee can agree that the attached list (p. 4) represents the Committee's priorities for the next several months, the list can be used to prioritize Subcommittee meetings and can be made available to the NRC Chairman.

RECOMMENDATION

The Subcommittee recommends that this list be reviewed and approved after any suggested Member changes have been made.

3) ACRS WORKLOAD

A report on anticipated Subcommittee meetings and matters to be considered during the full Committee meetings is attached (pp. 5-10). The planned ACRS activities are substantial and as a result, it is suggested that we should prioritize issues for Subcommittee meetings.

RECOMMENDATION

The Subcommittee recommends that the staff indicate the potential workload for Members and provide this report to the Committee for prioritization of Subcommittee meetings.

4) EVALUATION OF TIME SPENT DURING FULL COMMITTEE MEETINGS IN CY 1996

An evaluation of time spent by the Committee during the full Committee meetings in CY 1996 is attached (pp. 11-19). The results of the evaluation indicate that the total time spent in preparing reports/letters during 10 meetings held in CY 1996 was about 48% of the total meeting time.

RECOMMENDATION

The Subcommittee recommends that the staff continue to track how the Committee utilizes its time and periodically provide this report to the Subcommittee to determine possible improvements in the use of Committee time.

5) APPOINTMENT OF MEMBERS

Recommendations of the ACRS and the Screening Panel were sent to the Commission on March 19 and 21, 1997. The Commission has been requested to make a decision by April 11, 1997.

6) NEW BUDGET PROCESS FOR FY 1999

The Commission has instituted a new budget process, starting with the FY 1999 budget. Each office is being asked to determine the funds needed to implement each of the strategic initiatives. Funds for these strategic initiatives must come from cuts in other areas.

7) INTERNATIONAL ACTIVITIES

- A fax message was received from Dr. Birkhofer, RSK, (p. 20) on March 11, 1997, stating that he would be available in late October for the Quadripartite Meeting. A fax message was sent on March 24, 1997, to Dr. Togo, STA, requesting information concerning the Quadripartite Meeting (p. 21). A reply to this fax was sent by Mr. Asakawa (p. 22) saying that the Japanese cannot have the meeting in October and prefer the date of January 12-16 or 19-23, 1998.

RECOMMENDATION

The Subcommittee recommends that the Members determine the preferable January 1998 date, and coordinate with Dr. Birkhofer, Chairman of the German RSK Committee, on April 30, 1997, before communicating their choice of dates to the Japanese.

- Discussions are continuing with RSK on the joint ACRS/RSK meeting on April 30. ACRS Members will be assigned agenda topics to discuss. A copy of the proposed final agenda is attached (pp. 23-24).

RECOMMENDATION

The Subcommittee recommends that Members review the agenda, including their assigned topics, and approve a final agenda.

8) NUCLEAR SAFETY RESEARCH REVIEW COMMITTEE

A report by the Nuclear Safety Research Review Committee, dated January 15, 1997, is attached (pp. 25-36). A letter dated March 12, 1997, from Dr. David L. Morrison, Director, Office of Nuclear Reactor Research, to Dr. Thomas Boulette, Chairman of the Nuclear Safety Research Review Committee (pp. 37-39), and a Memorandum to the Commission from L. Joseph Callan, Executive Director for Operations, dated March 13, 1997 (pp. 40-41), also address the subject of ACRS/NSRRC coordination. Some response to these documents may be advisable.

RECOMMENDATION

The Subcommittee recommends that Members discuss these documents and the appropriate response.

9) MEMBERS' ISSUES

- A memorandum from Dr. Powers (pp. 42-43) records his observations of the revised procedures for letter-writing during the March ACRS meeting.

RECOMMENDATION

The Subcommittee recommends that Members read and comment on Dr. Powers' memorandum and provide additional comments on how the new

procedures are working, as appropriate.

- A memorandum from Dr. Powers (pp. 44-45) recommends that ACRS review the Nonconservative Operations During Isolation of a Reactor Recirculation Pump Seal Leak at the Clinton Power Station.

RECOMMENDATION

The Subcommittee recommends that Dr. Powers, Dr. Apostolakis, and Mr. Barton develop a way of tracking those events that involve human factors and other operational issues for future review.

- A memorandum from Dr. Powers (pp. 46-50) identifies research topics and recommends that time be set aside at a future meeting to discuss this topic.

RECOMMENDATION

The Subcommittee recommends that the Committee continue to collect topics to be reviewed with the Director of the Office of Nuclear Regulatory Research.

10) TRAVEL

- Requests were received from Drs. Kress and Fontana to attend the American Nuclear Society meeting in Orlando, FL. on June 1-4, 1997 (pp. 51-52).
- A request was received from Dr. Miller to attend one day of a workshop on Nuclear Utilities Software in Bloomington, IL on May 7, 1997 (pp. 53-56).
- A request was received from Dr. Apostolakis to attend a meeting with senior INPO management on PRA in Atlanta, GA on April 14-15, 1997 (pp. 57-58).

RECOMMENDATION

The Subcommittee recommends that all four requests for travel be approved.

P R O M I N A N T I S S U E L I S T
N E X T T W O Y E A R S

HOT BUTTON ISSUES

- * RISK INFORMED , PERFORMANCE - BASED REGULATION
- * SAFETY RESEARCH PROGRAM
- * CERTIFICATION OF AP600
- * SAFETY GOAL POLICY IMPLEMENTATION
- * SAFETY RELATED RULES, REGULATIONS, POLICY MATTERS, AND REGULATORY GUIDES
- * FIRE PROTECTION
- * HIGH BURNUP FUELS
- * HUMAN FACTORS AND ORGANIZATIONAL FACTORS

RECURRING ISSUES

- * DIGITAL INSTRUMENTATION AND CONTROL
- * LICENSE RENEWAL
- * THERMAL HYDRAULIC PHENOMENA
- * PLANT OPERATING EXPERIENCE
- * MATERIALS AND METALLURGY

AN UNOPENED BOX

- * REVIEW OF DOE ACTIVITIES

1997 ACRS SCHEDULE - MONTHLY TOTALS
(Summary)

02-Apr-97

MEETING TYPE	MONTH	NUMBER OF FULL COMMITTEE SESSIONS	NUMBER OF SUBCOMMITTEE MEETINGS
FULL			
	01-Jun-97	7	
	01-Jul-97	7	
	01-Sep-97	8	
	01-Oct-97	4	
	01-Nov-97	5	
	01-Dec-97	5	
	01-Feb-98	4	
	01-Mar-98	2	
	01-Apr-98	3	
	FULL	45	
SUB			
	01-Jun-97		2
	01-Jul-97		5
	01-Aug-97		6
	01-Sep-97		5
	01-Oct-97		5
	01-Nov-97		2
	01-Dec-97		2
	01-Jan-98		1
	01-Feb-98		1
	01-Mar-98		1
	SUB		30
Grand Total:		45	30

1997 ACRS SCHEDULE - NUMBER OF SUBCOMMITTEE MEETINGS

4/2/9

ISSUE	Row Summary	6/1/97	7/1/97	8/1/97	9/1/97	10/1/97	11/1/97	12/1/97	1/1/98	2/1/98	3/1/98
AP600	5			1	1	1		1	1		
AP600TAP	7	1	2	2	1	1					
EP											
EXTERNAL PHENO											
FIRE PROTECTION	2						1			1	
FUEL STORAGE											
GSI											
HIGH BURNUP FUEL	2		1					1			
HUMAN FACTORS	1	1									
I&C											
LIC. RENEWAL	2				1	1					
M&M	2			1		1					
MEETING											
PLANT OPS	2		1		1						
PRA	2		1				1				
RELIABILITY DATA	1			1							
RPT TO CONGRESS											
RX FUELS											
SAFEGUARDS											
SD OPS RULE	1										1
SEVERE ACCIDENT	1				1						
T-H	2			1		1					

1997 ACRS SCHEDULE - BY DATE

02-Apr-97

DATE	MEETING TYPE	MEETING
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01-Jun-97

FULL

B-17, TIME RESPONSE
ECCS SUCTION HEAD
GL - SHUTDOWN LOCA
GL - STRAINER BLOCKAGE
I&C SRP/RG
METAL FATIGUE
SPENT FUEL SAFEGUARDS

SUB

AP600 TAP SCALING/PIRT
FITNESS FOR DUTY

01-Jul-97

FULL

FITNESS FOR DUTY
HALDEN PROJECT
HIGH BURNUP FUEL
MAINE YANKEE LESSONS LEARNED
MEETING WITH EDO
RASCAL CODE
SEISMIC HAZARD ANALYSIS

SUB

AP600 TAP LOFTRAN (V&V)
FIRE PROTECTION RISK-BASED ANALYSIS
HIGH BURNUP FUEL RES CRITERIA
NOTRUMP (V&V)
STRAINER CLOGGING

01-Aug-97

SUB

AP600 CHAP 6-10
AP600 TAP PCCS TEST + ANALYSIS
LONG-TERM COOLING
RELIABILITY DATA

DATE	MEETING TYPE	MEETING
01-Sep-97	FULL	RES TH CODE UPGRADE SG TUBES
	SUB	I&C RG INSTRUMENT SETPOINTS I&C RG LIGHTNING PROTECTION LER GUIDANCE MEETING WITH DEPUTY EDO NON-POWER SURVEY RELIABILITY DATA SA MANAGEMENT PLANS SALEM RESTART
01-Oct-97	FULL	AP600 CHAP 12,13,16 AP600 TAP LONG-TERM COOLING LIC RENEWAL TOPICAL REPORTS SEVERE ACCIDENT MANAGEMENT SITE VISIT AND MEETING
	SUB	AP600 TAP PCCS FIRE PROTECTION AND PRA MEETING WITH NRR DIRECTOR PART 55 RO/SRO EXAMS
01-Nov-97	FULL	10 CFR 50.55a AP600 CHAP 14,15, PRA AP600 TAP PCCS TEST + ANALYSIS LIC. RENEWAL EVAL. SITE VISITS MAINE YANKEE SB LOCA CODE
		10 CFR 50.55a LIC. RENEWAL MEETING WITH COMMISSION RG QUAL. + TRAINING

DATE	MEETING TYPE	MEETING
		RPT TO CONGRESS
	SUB	
		FIRE PROTECTION SRP/REG. GUIDE
01-Dec-97		
	FULL	
		FIRE PROTECTION FUEL STORAGE CRITICALITY METH MEETING WITH RES DIRECTOR MILLSTONE RESTART PRA SRP/RG
	SUB	
		AP600 FSER HIGH BURNUP FUEL
01-Jan-98		
	SUB	
		AP600 FSER
01-Feb-98		
	FULL	
		AP600 FSER ASME PIPING CODE COM. GRADE DEDICATION MEETING WITH AEOD DIRECTOR
	SUB	
		FIRE PROTECTION
01-Mar-98		
	FULL	
		AP600 FSER MEETING WITH NMSS DIRECTOR
	SUB	
		SD OPS RULE
01-Apr-98		
	FULL	
		BWR POWER UPRATE RG DOSIMETRY METHODS

DATE	MEETING TYPE	MEETING
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SD OPS RULE

Activity	SumOfHours	428	429	430	431	432	433	434	435	436	437
Commissioners	2 % 4.9				2.2						2.7
Future Activities	3 % 5.3	0.6	1	0.8	0.3	0.5	0.4	0.2	0.5	0.4	0.6
Information Item	16 % 34	2.7	1.1	4.8	1.9	5.2	2.6	5.2	3.1	2.7	4.7
Opening Remarks	1 % 2.6	0.2	0.4	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2
P+P Report	5 % 10.4	0.5	2.7	0.8	1.5	0.8	0.6	0.9	0.7	0.8	1.1
Reconciliation	2 % 3.4	1.2	0.1		0.1	0.2	0.7	0.2	0.1	0.1	0.7
Report/Letter	48 % 102.2	7.8	11.1	10.2	10.1	12	11.3	3.6	14.3	14	7.8
Review Item	23 % 47.9	8.5	7.4	4.9	3.6	3.7	6.1	3.5	3.5	3.3	3.4
Strategic Planning	0.5		0.5								

ACRS 1996 Report (Summary)

01-Apr-97

Activity	Project Description	Hours
Commissioners		4.9
	Commissioners	4.9
		2.32%
Future Activities		5.3
	Future Activities	5.3
		2.51%
Information Item		
	Browns Ferry restart	1.5
	Certification of Evolutionary Designs	0.4
	Control Room Fire at Palo Verde	0.6
	Emergency Planning for Advanced Reactors	1.1
	Graded Quality Assurance Program	1.5
	Health effects of low-levels of ionizing radiation	2.9
	Human Performance Program Plan	1.7
	Implementation Guidance for License Renewal	1.2
	Indian Point restart	1.9
	IPE Insights Report	1.5
	Loss of feedwater event at ANO-1	1.3
	Loss of offsite power at Catawba	0.8
	Meeting with AEOD Director	1.8
	Meeting with RES Director	2
	N2 Bubble in Reactor Coolant System	1
	NRC Emergency Response Program	1.5
	NRC Strategic Assessment and Rebaselining Effort	2.3
	Plant Aging Research Program	1.7
	Reactor Vessel Annealing	1.1
	Research program for I+C Systems	1.5
	Rulenet	0.9
	Spent fuel pool cooling issues	2.6
	Spent Fuel Project Office Activities	0.6
		1

Activity	Project Description	Hours
	Used of Revised Source Term	0.6
	Information Item	34
		16.10%
Opening Remarks		2.6
	Opening Remarks	2.6
		1.23%
P+P Report		10.4
	P+P Report	10.4
		4.92%
Reconciliation		3.4
	Reconciliation	3.4
		1.61%
Report/Letter	10 CFR Parts 50 + 100, Reactor Site Criteria	2
	Adequacy of Code to Analyze SG Tubes	10.4
	Adequacy of Individual Plant Examinationa	1
	Annual Report to Congress	4
	Appointment of new members	1.5
	Bulletin: Recirculation Sump Strainer Clogging Event	2
	Conformance of Operating Plants to Safety Goals	2
	Design Changes to ABWR Design	1.5
	Design Changes to CE System 80+ Design	1.5
	Digital I+C Systems	7
	Draft RG associated with license renewal	3.5
	DSI-22, Future Role of NRC Research	1.5
	GSI-78 Metal Fatigue	1
	Health effects of low-levels of ionizing radiation	0.5
	Human Performance Program Plan	5.8
	IPE Insights Report	3.5
	NRC Thermal Hydraulic Codes	4.3
	Plant-Specific Application of Safety Goals	3.5

Activity	Project Description	Hours
	Potential Use of IPE to Compare with Safety Goals	1
	PRA Fire Model	2
	PRA Framework and Use of PRA in Regulatory Process	2
	Proposed Rule on SG Integrity	4
	Regulatory Review Group	0.6
	RELAP/MOD3 Code for AP600 Design	3
	Resolution of MSRP Issues	2
	Rev 2 to GR 1.149 Simulation Facilities Used in Examinations	1
	Risk-Based Analysis of Reactor Operating Experience	3.5
	Risk-Informed, Performance Based Regulations	5
	SECY-128 Policy Issues For AP600 Design	2
	Severe Accident Research	7.5
	Shutdown Operations Rule	2
	SRP for Dry Cask Storage	0.2
	US Membership in NEA	1.5
	Use of IPE in Regulatory Process	3.6
	Westinghouse COBRA/TRAC Best-Estimate T/H Code	4.8
	Report/Letter	102.2
		48.39%
Review Item		
	10 CFR Parts 50 + 100, Reactor Site Criteria	2.2
	Adequacy of Code to analyze SG Tubes	3.5
	Adequacy of Individual Plant Examinations	2.2
	Digital I+C Systems	3.1
	Draft RG associated with license renewal	1.5
	Fire Protection Issues	1.2
	GSI-78 Metal Fatigue	0.7
	Human Performance Program Plan	1.7
	IPE Insights Report	1.2
	Issues associated with steam generators	1
	NRC Thermal Hydraulic Codes	2
	Probabilistic Risk Assessment	2.3
	Proposed Rule on SG Integrity	2.1
	Recirculation Sump Strainer Clogging Events	3.1
		3

Activity	Project Description	Hours
	Regulatory Review Group	0.7
	RELAP/MOD3 Code for AP600 Design	1.8
	Rev 2 to RG 1.149 Simulation Facilities Used in Examinations	1
	RG on I&C Systems	1.4
	Risk-Based Analysis of Reactor Operating Experience	1.2
	Risk-Informed, Performance Based Regulations	1.4
	SECY-128 Policy Issues For AP600 Design	2.7
	Severe Accidents, codes for SG rule	1.1
	Shutdown Operations Rule	1.3
	SRP and Reg. Guide for risk-informed, performance based regu	1.7
	Supplemental SERs for evolutionary plant designs	2
	Westinghouse COBRA/TRAC Best-Estimate T/H Code	3.8
	Review Item	47.9
		22.68%
Strategic Planning		0.5
	Strategic Planning	0.5
		0.24%
	Grand Total:	211.2

Meet	Date	Activity	Project Description	Hours
428	2/8/96	Review Item	Recirculation Sump Strainer Clogging Even	3.1
428	2/8/96	Review Item	Westinghouse COBRA/TRAC Best-Estimat	2.2
428	2/8/96	Report/Letter	Annual Report to Congress	0.5
428	2/8/96	Report/Letter	Adequacy of Individual Plant Examinationa	1
428	2/8/96	Review Item	Adequacy of Individual Plant Examinations	2.2
428	2/9/96	Future Activities		0.6
428	2/9/96	Opening Remarks		0.2
428	2/9/96	P+P Report		0.5
428	2/9/96	Report/Letter	Rev 2 to GR 1.149 Simulation Facilities Us	1
428	2/9/96	Report/Letter	Bulletin: Recirculation Sump Strainer Clogg	2
428	2/9/96	Review Item	Rev 2 to RG 1.149 Simulation Facilities Us	1
428	2/9/96	Reconciliation		1.2
428	2/9/96	Information Item	Implementation Guidance for License Rene	1.2
428	2/9/96	Information Item	Human Performance Program Plan	1.5
428	2/9/96	Report/Letter	Westinghouse COBRA/TRAC Best-Estimat	3.3
429	3/7/96	P+P Report		1.8
429	3/7/96	Information Item	Reactor Vessel Annealing	1.1
429	3/7/96	Review Item	RG on I&C Systems	1.4
429	3/7/96	Opening Remarks		0.4
429	3/7/96	Review Item	Fire Protection Issues	1.2
429	3/7/96	Review Item	RELAP/MOD3 Code for AP600 Design	1.8
429	3/8/96	Review Item	Probabilistic Risk Assessment	2.3
429	3/8/96	Report/Letter	GSI-78 Metal Fatigue	1
429	3/8/96	Report/Letter	Resolution of MSRP Issues	0.5
429	3/8/96	Report/Letter	RELAP/MOD3 Code for AP600 Design	3
429	3/8/96	Report/Letter	PRA Fire Model	2
429	3/8/96	P+P Report		0.9
429	3/8/96	Reconciliation		0.1
429	3/8/96	Future Activities		1
429	3/8/96	Review Item	GSI-78 Metal Fatigue	0.7
429	3/9/96	Report/Letter	Potential Use of IPE to Compare with Safet	1
429	3/9/96	Report/Letter	Use of IPE in Regulatory Process	3.6
429	3/9/96	Strategic Planning		0.5
430	4/11/96	Review Item	Severe Accidents, codes for SG rule	1.1
430	4/11/96	Information Item	Graded Quality Assurance Program	1.5
430	4/11/96	Review Item	Westinghouse COBRA/TRAC Best-Estimat	1.6
430	4/11/96	Opening Remarks		0.2
430	4/11/96	Review Item	10 CFR Parts 50 + 100, Reactor Site Criteri	2.2
430	4/12/96	Information Item	Meeting with AEOD Director	1.8
430	4/12/96	Future Activities		0.8
430	4/12/96	Report/Letter	10 CFR Parts 50 + 100, Reactor Site Criteri	2
430	4/12/96	Report/Letter	Severe Accident Research	1.5

Meet	Date	Activity	Project Description	Hours
430	4/12/96	Report/Letter	PRA Framework and Use of PRA in Regul	2
430	4/12/96	Report/Letter	Westinghouse COBRA/TRAC Best-Estimat	1.5
430	4/12/96	P+P Report		0.8
430	4/12/96	Information Item	Rulenet	0.9
430	4/12/96	Information Item	Spent Fuel Project Office Activities	0.6
430	4/12/96	Report/Letter	SRP for Dry Cask Storage	0.2
430	4/12/96	Report/Letter	US Membership in NEA	1.5
430	4/12/96	Report/Letter	Appointment of new members	1.5
431	5/23/96	Review Item	Regulatory Review Group	0.7
431	5/23/96	Information Item	IPE Insights Report	1.5
431	5/23/96	Opening Remarks		0.2
431	5/23/96	Review Item	Shutdown Operations Rule	1.3
431	5/23/96	Information Item	Certification of Evolutionary Designs	0.4
431	5/23/96	Review Item	Digital I+C Systems	1.6
431	5/24/96	Reconciliation		0.1
431	5/24/96	P+P Report		1.5
431	5/24/96	Future Activities		0.3
431	5/24/96	Commissioners		2.2
431	5/25/96	Report/Letter	Shutdown Operations Rule	2
431	5/25/96	Report/Letter	Resolution of MSRP Issues	1.5
431	5/25/96	Report/Letter	Regulatory Review Group	0.6
431	5/25/96	Report/Letter	Severe Accident Research	2
431	5/25/96	Report/Letter	Conformance of Operating Plants to Safety	2
431	5/25/96	Report/Letter	Digital I+C Systems	2
432	6/12/96	Report/Letter	Health effects of low-levels of ionizing radia	0.5
432	6/12/96	Report/Letter	Adequacy of Code to Analyze SG Tubes	0.5
432	6/12/96	Report/Letter	IPE Insights Report	3.5
432	6/12/96	Information Item	Loss of offsite power at Catawba	0.8
432	6/12/96	Report/Letter	Severe Accident Research	4
432	6/12/96	Information Item	Health effects of low-levels of ionizing radia	2.9
432	6/12/96	Reconciliation		0.2
432	6/12/96	Information Item	Browns Ferry restart	1.5
432	6/12/96	Review Item	Issues associated with steam generators	1
432	6/12/96	Report/Letter	Draft RG associated with license renewal	3.5
432	6/12/96	Future Activities		0.5
432	6/12/96	Review item	IPE Insights Report	1.2
432	6/12/96	Review Item	Draft RG associated with license renewal	1.5
432	6/12/96	Opening Remarks		0.2
432	6/12/96	P+P Report		0.8
433	8/8/96	Review Item	Supplemental SERs for evolutionary plant	2
433	8/8/96	Review Item	SECY-128 Policy Issues For AP600 Desig	2.7
433	8/8/96	Review Item	Risk-Informed, Performance Based Regula	1.4

Meet	Date	Activity	Project Description	Hours
433	8/8/96	Opening Remarks		0.3
433	8/9/96	Reconciliation		0.7
433	8/9/96	P+P Report		0.6
433	8/9/96	Information Item	Spent fuel pool cooling issues	2.6
433	8/9/96	Future Activities		0.4
433	8/10/96	Report/Letter	Design Changes to CE System 80+ Design	1.5
433	8/10/96	Report/Letter	Design Changes to ABWR Design	1.5
433	8/10/96	Report/Letter	Risk-Informed, Performance Based Regula	5
433	8/10/96	Report/Letter	SECY-128 Policy Issues For AP600 Desig	2
433	8/10/96	Report/Letter	Adequacy of Code to Analyze SG Tubes	1.3
434	9/12/96	Information Item	Indian Point restart	1.9
434	9/12/96	Review Item	Adequacy of Code to analyze SG Tubes	3.5
434	9/12/96	Reconciliation		0.2
434	9/12/96	P+P Report		0.9
434	9/12/96	Future Activities		0.2
434	9/12/96	Opening Remarks		0.3
434	9/13/96	Information Item	Loss of feedwater event at ANO-1	1.3
434	9/13/96	Report/Letter	Adequacy of Code to analyze SG Tubes	3.6
434	9/13/96	Information Item	Meeting with RES Director	2
435	0/10/96	Review Item	Digital I+C Systems	1.5
435	0/10/96	Reconciliation		0.1
435	0/10/96	Future Activities		0.5
435	0/10/96	Information Item	Control Room Fire at Palo Verde	0.6
435	0/10/96	Information Item	NRC Strategic Assessment and Rebaselini	2.3
435	0/10/96	Opening Remarks		0.3
435	0/10/96	P+P Report		0.7
435	0/11/96	Information Item	Human Performance Program Plan	0.2
435	0/11/96	Review Item	NRC Thermal Hydraulic Codes	2
435	0/12/96	Report/Letter	NRC Thermal Hydraulic Codes	4.3
435	0/12/96	Report/Letter	Adequacy of Code to Analyze SG Tubes	5
435	0/12/96	Report/Letter	Digital I+C Systems	5
436	11/7/96	Opening Remarks		0.3
436	11/7/96	Information Item	Emergency Planning for Advanced Reactor	1.1
436	11/7/96	Information Item	Used of Revised Source Term	0.6
436	11/7/96	Review Item	Risk-Based Analysis of Reactor Operating	1.2
436	11/7/96	Review Item	Proposed Rule on SG Integrity	2.1
436	11/8/96	Reconciliation		0.1
436	11/8/96	Future Activities		0.4
436	11/8/96	Information Item	N2 Bubble in Reactor Coolant System	1
436	11/8/96	P+P Report		0.8
436	11/9/96	Report/Letter	Annual Report to Congress	1.5
436	11/9/96	Report/Letter	Proposed Rule on SG Integrity	4

Meet	Date	Activity	Project Description	Hours
436	11/9/96	Report/Letter	Plant-Specific Application of Safety Goals	3.5
436	11/9/96	Report/Letter	DSI-22, Future Role of NRC Research	1.5
436	11/9/96	Report/Letter	Risk-Based Analysis of Reactor Operating	3.5
437	12/5/96	Information Item	Plant Aging Research Program	1.7
437	12/5/96	Review Item	Human Performance Program Plan	1.7
437	12/5/96	Information Item	Research program for I+C Sysrtems	1.5
437	12/5/96	Opening Remarks		0.2
437	12/5/96	Review Item	SRP and Reg. Guide for risk-informed, pefr	1.7
437	12/6/96	Future Activities		0.6
437	12/6/96	P+P Report		1.1
437	12/6/96	Information Item	NRC Emergency Response Program	1.5
437	12/6/96	Reconciliation		0.7
437	12/7/96	Report/Letter	Human Performance Program Plan	5.8
437	12/7/96	Report/Letter	Annual Report to Congress	2
437	12/7/96	Commissioners		2.7