file
IAG

TASK CLOSE OUT DOCUMENT

Task Scope Provide Documentation of Completed items

To: M. Levenson
S. Levy
E. Zebroski

Task No. 7 Date Complete 5/2/79

Reason felt task is complete:

Documentation of all IAG items completed

Members of Committee

M. Lieb

M. F. Link 5/2/79
Signed
Committee Leader

2005 001

INDUSTRY ADVISORY GROUP

5/7/79

sk	Description	Priority	Date Expected Completion	Memo # Status	Task Coord.
1	Determine method of finding leak in in vent heater	1	4/26/79	IA-1	Lawroski* Shultz
2	Provide recommendations for alternate methods of P/V control	1	5/7/79	IA-2	Ackermann
3	Evaluate fire in containment	1	4/13/79	IA-3	Thiesing
4	Long Term heat removal	1	4/10/79	IA-4	Thiesing Muench Lawroski Solbrig Palladino Campbell
5	Unit 2 Containment Bldg.	1	4/11/79	IA-5 a,b	
	a. Causes of changed state b. R/T suitable for 30 days				Muench* Solbrig Thiesing Campbell
	c. Clean-up options for containment atmos.		This group will not do		
6	Current assessment of core status	1	4/13/79	IA-6 a,b	
	a. From thermo-hydraulics				Solbrig Sixby Ditmore Muench
	b. Sequence of events				Dietrich Palladino Campbell
7	Provide documentation of completed items	2	5/7/79	IA-7	
8	Surveillance of waste management	2	This group will not do		
9	TMI Unit 1 start-up or securing criteria	3	This group will not do		
10	Reflux Boiler				
	a. Non-Condensibles	2	4/18/79	IA-10A	Muench
	b. Temp. & Press study of low reactor press	2	4/13/79	IA-10B	Kolar Campbell

2005 002

INDUSTRY ADVISORY GROUP

5/7/79

Task	Description	Priority	Date Expected Completion	Status	Task Coord.
II-1	Instrument Diagnostics: Incore Sensor Evaluation		4/14/79		N. Ackermann
II-2	Instrument Diagnostics: ORNL-TEC Noise Diagnostics Summary Report		4/14/79		N. Ackermann
II-3	Instrument Diagnostics: Diagnostic Measurement Criteria & Proc. During Cooldown		4/13/79		N. Ackermann
II-4	Instrument Diagnostics: Compilation of Shift Summary Reports		4/14/79		N. Ackermann
II-5	Summary Report-Noise monitoring		4/13/79		N. Ackermann
II-6	Summary Report-TMI-2 Incore Diagnostics on Thermocouples & SPND's		4/12/79		N. Ackermann
II-7	Status Report on Diagnostic Instrumentation Changes		4/11/79		R. Ball
II-8	TMI-2 Reactor Core Status Instrumentation Data Package		4/11/79		N. Ackermann
II-9	Ex-Core Monitoring of Core Conditions		4/17/79		R. Ball
II-10	Instrument Diagnostics		4/30/79		N. Ackermann

INDUSTRY ADVISORY GROUP

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sk	Description	Priority	Date Expected Completion	Memo # Status	Task Coord.
12	Specification for reflux boiler test				
	a. Feasability	2	5/3/79	IA-12a	Fernandez
	b. Specific Parameters	2	5/3/79	IA-12b	Thiesing Paddleford Ditmore Lanning
13	Water level reactor pressure vessel	2	4/28/79	IA-13 a,b	
	a. Short term				Ackermann
	b. Long term				Ackermann
14	Model for boron and gas in primary system	2	5/5/79	IA-14	Kolar Christianson
15	Evaluate RHR system by Westinghouse	1	4/15/79	IA-15	Lichtenberger Ditmore Shultz Levy
16	Put all TC's on recorders		4/26/79	IA-16	Ackermann
	a. Order in which TC's are connected				
17	Online monitoring of boron and gases	1		IA-17	Ackermann Shultz*
18	Risks and advantages of going Nat. as is vs. present plan	1	4/24/79	IA-18	Paddleford Kolar Fernandez
19	Time to core melt with no external cooling and removal through flooding of containment	2	5/3/79	IA-19	Fernandez
21	Decision tree for Nat. Circulation	1	4/19/79	IA-21	Kolar* Thiesing Ditmore Zigler
22	Plant mods (piping & equipment)	2	5/7/79	IA-22	Lawroski
23	High counting rate of BF3 detector	1	4/20/79	IA-23	Shultz
24	Source of airborn contamination	1	4/20/79	IA-24	Thiesing Stroupe Noll

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ask	Description	Priority	Date Expected Completion	Memo # Status	Task Coord.
25	Instrumentation	1	5/3/79	IA-25 a,b	
	a. 12 selected TC's on recoreder or computer				Stroupe
	b. T_h & T_c on recorder				Stroupe
26	Review of Nat. Circulation	1			
	a. Loss of pump		4/25/79	IA-26a	Tooker Kelly Thiesing Hench Stroupe
	b. Instrumentation necessary		4/24/79	IA-26b	Stroupe Noll Kelly Ackermann Hench Tooker Lieb
	c. Control of mass vol.		4/26/79	IA-26c	Hench Kelly Stroupe Tooker
	d. Review & recommend criteria		4/27/79	IA-26d,f	Hench
	e. Verification of nat. circ. shrink		4/26/79	IA-26e	
	f. Means of detecting nat. circ. when instr. is lost				Hench
	g. Loss of pump Addendum 1				Kelly Hench Stroupe Tooker
	h. Loss of pump Addendum 2				Kelly Hench Tooker Cain Stroupe
27	Determine containment response to loss of all containment cooling	1	4/21/79	IA-27	Thiesing

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ask	Description	Priority	Date Expected Completion	Memo # Status*	Task Coord.
28	Evaluate measurement of containment water level by activity data from outside	2	4/22/79	IA-28	Lawroski
29	Heat transfer from degraded core configuration	2	4/21/79	IA-29	Levenson
30	Predict TC reading at Nat. Circ.	1	4/23/79	IA-30	Levy
31	Alternate pump level procedures for comment	1		IA-31	Stroupe
32	Corrective Simulation of cold shut down	2	4/25/79	IA-32	Kolar
33	Evaluate P/V control option without level instrument using make up tank trigger point or method for loss of liquid indication and start on 30 hr criteria to go solid	1	4/29/79	IA-33	Kelly
34	Evaluate core significance of ex-core upper/lower ratio	1	5/1/79	IA-34	Zebroski Ackermann
35	Modification of EP-32 if loss of Nat Circulation in "A"	1	4/29/79	IA-35	Stroupe Bench
36	Understanding of present Nat. Circ. review what happened (change) operation point B on Nat. Circ.	1	4/30/79	IA-36	Kelly* Buhl Stroupe Tooker
37	Switching mode and analyze "B" solid state with present equipment	1	4/29/79	IA-37	Buhl* Kelly. Stroupe Tooker
38	Preliminary assessment of core configuration from thermocouple response during transfer to N.C.	1	4/29/79	IA-38	Zebroski
39	Need for B steam generator long term cooling	1	5/1/79	IA-39	Levy* Tooker Meyer Bench
40	Participate in EP-32 changes	1	5/3/79	IA-40	Stroupe Tooker

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ask	Description	Priority	Date Expected Completion	Memo # Status	Task Coord.
41	Examine incore TC's rise and reasons for	1	4/30/79	IA-41	Buhl* Stroupe
42	Options for short term (2 to 3 mo) core cooling	1	5/2/79	IA-42	Stroupe* Meyer Levy Tooker
43	Long term cooling	1	5/4/79	IA-43	Kolar* Hench Kendell
44	Level of water in containment	1	5/4/79	IA-44	Kendell Buhl
45	When natural circulation will stop "A" loop	1	5/1/79	IA-45	Meyer Hench
46	Heat loss from pipe and reactor vs temperature	1	5/5/79	IA-46	Kolar Kendell Stroupe
47	Suggestion for going solid on"B" with the long term system	2	5/3/79	IA-47	Tooker* Stroupe Levy Buhl Kolar Kendell
48	Comments on continued circulation operation	1	5/2/79	IA-48	Levy
49	Review of Sandia/NRC Emergency containment vent design package		4/16/79	IA-49	Thiesing

IAG SUPPORT EARLY STAGES

DESCRIPTION	DATE	DOCUMENT NO.	PERSON IN CHARGE
Elimination of Controlled Depressuritation to achieve long term cooling status.	4/03/79	IA-E-100	T. Johnson
Hydrogen in RCS	4/06/79	IA-E-101	F. E. Haskin J. W. Thiesing
Containment bldg. and an estimate of total metal water reaction	4/07/79	IA-E-102	J. W. Thiesing
Core Assessment	4/06/79	IA-E-103	N. Kaufman
Natural Circulation with Pressurizer Solide and Review - Prlm.	4/08/79 4/08/79	IA-E-104 IA-E-105	M. Levenson N.I. Palladino
Operating of RCP's at reduced speed	4/08/79	IA-E-106	J. L. Hurley
Removal of Air born radioactivity from containment	4/08/79	IA-E-107 -	J. L. Hurley
Particle Bed Investigation	4/08/79	IA-E-108	D. Paddleford
RCS behavior in perculating mode before large amounts of non-condensibles build up	4/09/79	IA-E-109	J. W. Thiesig
Status Report of Diagnostic Instrumentation	4/10/79	IA-E-110	R. Ball
Degradation Sequence Study in event of plant system failures	?	IA-E-111	?
Primary System Cooling modes that use primary components as a heat sink	?	IA-E-112	Hamilton Thiesing Pope Palladino
→ Safety of various cooling processes	?	IA-E-113	?
NATURAL CIRCULATION	4/02/79	IA-E-114	?
SEC. SYSTEM USE FOR LONG TERM COOLING	4/02/79	IA-E-115	?
Changed to here as of 4/4/79 Transfer at H_2 from Waste Gas Storage Tanks	4/02/79	IA-E-116	W. A. Riehl

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DESCRIPTION	DATE	DOCUMENT NO.	PERSON IN CHARGE
Preliminary Thoughts on Lessons Learned from TMI Unit 2	4/ 8/79	IA-E-117 "	N. J. Palladino
N. Palladino Activities on TMI Industrial Advisory Group	?	IA-E-118 ✗	N. J. Palladino