Technical Programme for Workshop on Condition Management in Process Industries Hotel Taj Connemara, Chennai – 600002 Dec. 02-04, 2002

02 December 2002 (Monday)			
08:15 - 08:45	5 Registration		
09:00 - 10:00	Inaugural Session		
10:00 – 10:30 Tea			
10:30 - 11:45	Shri. B.K.Shah, Atomic Fuels Division, BARC, Bombay.	Significance Of Flaws In Performance Of Engineering Components	
11:45 – 13:00	Shri R.J.Padikar, Manager, NDT Lab, BHEL, Trichy	Application of Penetrant, magnetic particle and ultrasonic Methods for Condition Management	
13:00 - 14:00	Lunch		
14:00 – 15:15	Shri.P.Psubramanium, Scannray Metallurgical, Chennai	Visual Testing for Condition Management	
15:15 – 16:15	Prof. S.Narayanan, Head, Dept. Of Applied Mechanics, IIT, Chennai.	Fundamentals of Vibration	
16:15 – 16:30 Tea			
16:30 - 17:30	Shri. M.G. Poduval, Managing Director, Vibration Engineers & Consultants (P) Ltd., Chennai.	Condition monitoring of Equipments by Vibration analysis	
03 December 2002 (Tuesday)			
09:00 – 10:15	Dr. U. Netzelmann, Fraunhofer-Institute for Nondestructive Testing University, Saarbruecken, Germany	Thermal Imaging Techniques	
10:15 - 10:45			
10:45 – 12:00	Shri B.Venkatraman DPEND, Indira Gandhi Centre for Atomic Research, Kalpakkam	Infrared Imaging for Condition management in Process Industries	
12:00 – 13:15	G. Venkataraman, Consultant, RLA and Life Extension Services Thermax Babcock & Wilcox Ltd, Pune	In-situ Metallography & its applications	
13:15 – 14:15 Lunch			

14:15 - 15:15	Dr. Baldev Raj	Non-Destructive Evaluation Techniques	
	Distinguished Scientist and	for Condition Monitoring Applications	
	Director, Materials, Chemical and		
	Reprocessing Groups		
	Indira Gandhi Centre for Atomic		
	Research		
	Kalpakkam – 603102 India		
15:15 – 16:15	Demonstration	In-situ Metallography	
16:15 – 16:30 Tea			
16:30 – 17:30	Demonstration	Thermography	
04 December 2002 (Wednesday)			
09:00 - 10:15	Dr. T. Jayakumar,	Acoustic Emission Technique – Principles	
	DPEND, Indira Gandhi Centre for	And Applications	
	Atomic Research, Kalpakkam		
10:15 – 10:30	Tea		
10:30 - 11:45	Shri. A.K. Sinha,	Fundamentals of Ferrography	
	Dy. CE. (Maint. Performance),		
	NPCIL, Mumbai.		
11:45 – 13:00	Demonstration	Ferrography and Visual	
		Examination	
13:00- 14:00	Lunch		
14:00 - 15:15	Shri Masood,	Uses of Ferrography	
	Manager – Technical,		
	Predict Technologies India,		
	Hyderabad.		
15:15 – 15:30 Tea			
16:00 – 16:30 Case Studies and Problems Presented by Participants			
16:30 – 17:00 Concluding Session			