

Regional Latin America WS on the detection, research, management and monitoring of ageing factors in NPPs on Dec 9 - 12 2008 at Buenos Aires, Argentina

WS chainman : Dr. Leonard J. Bond, Laboratory Fellow, PNNL, USA
 Technical Director : Mr. Arturo Burkart, CNEA, Argentina

Time	Tuesday (9 Dec)	Wednesday (10. Dec)	Thursday (11. Dec)	Friday (12. Dec)
	Basic Knowledge on equipment degradation and ageing focusing on Erosion and Corrosion	R&D activities on equipment degradation and ageing	Application tool or approaches for diagnostics / prognostics on equipment degradation (1)	Application tool or approaches for diagnostics / prognostics on equipment degradation (2)
9:00 – 09:15	Course Introduction, Opening, Introduction on participants	PLiM and AMP	Diagnostics and prognostics: technical challenges	Current in-service inspection and leak monitoring
09:15- 10:00	IAEA Contributions for PLiM/ EC, K. Kang (IAEA)	K. Kang (IAEA)	B. Leonard (PNNL, USA)	B. Leonard (PNNL, USA)
10:00-11:00	Introduction to equipment ageing and degradation: erosion and corrosion B. Leonard (PNNL, USA)	Diagnostics and prognostics: state of the art and programs B. Leonard (PNNL, USA)	Proactive Management of Materials Degradation: an information tool based on NRC 6923 B. Leonard (PNNL, USA)	Condition based maintenance H. Nopper (AREVA, GER)
11:00-11:15	Coffee Break	Coffee Break	Coffee Break	Coffee Break
11:15-12:15	Overview of world material degradation issues of NPPs, focusing on pipe wall thinning and rupture; H. Nopper (AREVA, GER)	Main Degradation Mechanisms on Erosion and corrosion, FAC, EAC, Fatigue, SCC H. Nopper (AREVA, GER)	Behaviour and mechanism of pipe wall thinning and rupture H. Nopper (AREVA, GER)	Closing session Summary of WS
12:15 – 13:30	Lunch	Lunch	Lunch	Lunch
13:30 – 14:30	R&D on Flow accelerated corrosion, EAC, Fatigue, SCC in Korea. J. H. Lee (PNU, KOR)	Inspection and monitoring of pipe wall thinning and rupture J. H. Lee (PNU, KOR)	PWR secondary side chemistry / corrosion control / steam generator performance(2) K. STREIT(AREVA, GER)	Say Good Bye
14:30- 15:30	Water Chemistry Diagnosis System K. STREIT(AREVA, GER)	PWR Primary Side Chem. Corrosion Control and Dose Reduction Issues(1) K. STREIT (AREVA, GER)	Application of NDE tool for diagnostics on ageing degradation. J. H. Lee (PNU, KOR)	
15:30 – 15:45	Coffee Break	Coffee Break	Coffee Break	
15:45 – 16:45	Participants presentation (1) - Argentina (1) - Mexico	Participants presentation (2) - Argentina(2) - Brazil	Panel Discussion on Advanced Diagnostics/Prognostics – Technical Challenges Experts and K. Kang(IAEA)	
16:45 – 17:00	Daily Summary	Daily Summary	Daily Summary	

