FESI/CSIC Workshop 2015

Structural Integrity:

The Role of Inspection and Assessment Methodologies

Shanghai, 21 - 22 September 2015

<u>Purpose</u>

To address the role of inspection of components and structures and how the outputs are used to assess the integrity of plant.

Workshop will be lead in China by Dr Geoff Booth accompanied by Will Daniels and Dr Henryk Pisarski They will be supported by video contributions from Dr Brian Tomkins, Prof Steve Garwood, Prof Peter Cawley, Dr Keith Newton, Dr Tony Dunhill and Dr Phil Horrocks

Programme

DAY O	NE				
09:00	Introduction	Prof Shuntung Tu and Geoff Booth			
Session	Session 1			Session 2	
STRUCTURAL INTEGRITY APPROACHES				MONITORING AND INSPECTION	
09:15	-		13:00		
	- Safety Cu	of structural integrity philosophy ulture and professional ibility (V) mkins		 The role of NDT in life management Tony Dunhill NDT for assessment in the nuclear sector Will Daniels 	
	- Materi Geoff E - Traditi Geoff	life integrity assurance al failure process Booth/Steve Garwood onal design methods Booth/Henryk Pisarski oles from industry Booth		 Permanently Installed monitoring technology to improve structural integrity assessment Peter Cawley NDE research for structural integrity assessment Keith Newton 	
		d/risk-informed approaches orrocks			
12:00	Lunch		17:00	Finish	
	All presentations will be supported by examples taken from various industries				

DAY TV	VO		
Session 3 INTEGRITY ASSESSMENT			Session 4 STRUCTURAL INTEGRITY IN CHINA
09:00	1. Structural Integrity Assessment Methodologies Geoff Booth	13:15	Chinese defect assessment code: principles, development and applications Fuzhen Xuan
	 2. Codes and Standards for defects and life assessment ASMEXI - Will Daniels R6 - Steve Garwood BS7910 - Steve Garwood 		
	3. Links between inspection and assessment - BS7910 - Henryk Pisarski		
	All presentations will be supported by examples taken from various industries	17:00	Finish





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C Foster Wheeler
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rman, FESI
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of Garwood joined Rolls-Royce plc in 1996
or of Technology. He retired from Rolls-
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Imperial College London
and of the Royal Society (elected 2010). He
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