



**Structural Integrity Technical Group and FESI Joint Event:
Extending structural safe life – technologies and benefits**

Wednesday 9 October 2019

The Granta Centre, TWI Ltd, Cambridge CB21 6AL

Objective: Establish and review the technologies and benefits from life extension programmes

Chair, Geoff Booth, Independent Consultant

09.30	Registration and refreshments	
10.00	Introduction and welcome	<i>Geoff Booth Structural Integrity TGM Chair/Independent Consultant</i>
10.15	Management and life extension of ageing assets across industry sectors – scope for further development	<i>John Wintle, Technology Fellow, TWI Ltd</i>
10.55	Asset Integrity – challenges facing the offshore industry – Regulator’s view	<i>Danny Shuter, Senior Engineer, Health & Safety Executive</i>
11.35	Philosophy and Approach – nuclear energy sector	<i>Andy Holt, Professional Lead, Office for Nuclear Regulation</i>
12.15	Lunch	

Chair, John Sharples, Technical Manager and Chief Technologist, Wood Plc

13.00	Unexpected challenges	<i>Harry Bainbridge, UKAS Technical Expert</i>
13.40	Case study – pressure vessel fatigue life extension	<i>Emilie Buennagel, Principal Project Leader – Technical, TWI Ltd</i>
14.20	Refreshments	
14.50	Safe life assessments for the AGRs	<i>Steven Booth, EDF Energy Nuclear Generation</i>
15.30	Applying advanced structural integrity assessment procedures to high-integrity nuclear piping components - a case study	<i>Mike Smith, Chair of Welding Technology, University of Manchester</i>
16.10	Future integrity challenges	<i>Open Discussion</i>
16.40	Close and refreshments	