The Geological Society

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South East Regional Group

Meeting

Date: Tues 6 March 2018. 1800 Refreshments for 1830 start

Location: Horley Baptist Church, 289 Court Lodge Road, Horley, Surrey RH6 8RG

Wylfa Newydd: Ongoing Ground Investigation for a New Build Nuclear Power Station

A joint talk with the ICE South East Branch

by Ed Ball and Robert Hunt (Atkins, member of the SNC Lavalin Group)

Extensive ground investigations have taken place at the Wylfa Newydd site in Anglesey, north Wales, where Horizon Nuclear Power is planning a new build nuclear power station. Since 2010 there have been seven significant ground investigations for Wylfa Newydd, where approximately 530 boreholes have been drilled producing around 22,000m of rock core.

The presentation will focus on the most recent detailed onshore investigations which were carried out between 2014 and 2018, discussing the local geology, the drilling, logging and testing, including how and why a site-specific rock mass classification scheme was developed as part of the geotechnical engineering design.

Speakers:

Ed Ball BSc (Hons), MSc, DIC, FGS is an Engineering Geologist with Atkins who graduated with a degree in geology and geography from the University of Birmingham and an MSc in Engineering Geology from Imperial College London. Prior to joining Atkins in 2014, Ed worked for a GI contractor and has extensive experience working on projects across the UK in the energy and infrastructure sectors. Ed has been part of the team working on the Wylfa Newydd project since 2014.

Robert Hunt BSc (Hons), MSc, DIC, CGeol FGS is a Principal Geotechnical Engineer with Atkins with over 20 years of experience working on major projects in the UK and abroad. Robert has particular experience in nuclear new build, offshore renewables, offshore oil and gas, mass transit, building development, highways and water projects. He has been the Technical Team Lead on the Wylfa project since 2014.