

PROCESS SAFETY FORUM

21 July 2015 – IOSH, The Grange, Wigston, Leicester

Role / Trade Association	Present	Apologies
Chair	Paul Thomas	-
British Aerosol Manufacturers Association	Paul Jackson	
Chemical Business Association	Peter Newport	Doug Leech
Chemical Industries Association	Phil Scott	Steve Elliott
CBI Explosives Industry Group		Tom Smith
Engineering Construction Industry Association		Richard Ash
Energy Networks Association		-
Institution of Occupational Safety and Health	Shelley Frost	-
Nuclear Industries Association Safety Director's Forum	Graham Finn	-
Oil & Gas UK		Robert Paterson
RSSB		
Tank Storage Association	Hugh Bray	Kevin Shepherd
UK Onshore Pipeline Operators' Association		Tony Stonehewer
UK Petroleum Industries Association	Peter Davidson	Andy Roberts
UK Liquid Petroleum Gas	Richard Hakeem	Ian McCluskey
Scotch Whisky Association	-	Alison Galbraith
Mineral Products Association	Ian Gibson	
CoMAH SF / Guest	Ken Rivers	
AWE Aldermaston	Jenny McGrother	

The notes of this meeting were prepared by Hugh Bray of the Tank Storage Association.

Notes and Actions approved by:

Paul Thomas
Chairman of the Process Safety Forum

Date approved:

Draft

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Ser	Item	Action
1	Introductions, Minutes and Actions	
1.1	<p>Introductions</p> <p>Paul Thomas welcomed everyone to the meeting, and in particular Ken Rivers and Jenny McGrother who had both been invited to present agenda items 3 and 4 respectively.</p> <p>Shelley Frost outlined the domestics for the day, and emergency arrangements.</p> <p>There was a round-table introduction for all.</p>	
1.2	<p>Minutes and actions from last meeting</p> <p>The minutes from the 11th March 2015 meeting were approved without amendment.</p> <p>Action Feb/14/006, Completed</p> <p>Action Feb/14/007, Completed</p> <p>Action Sept/14/002, Outstanding, relates to identification of relevant learnings from the Santiago de Compostella rail crash. Paul Thomas to follow up this and also the recent SPAD in the UK.</p> <p>Action Mar/15/001, on today's agenda.</p> <p>Action Mar/15/002, on today's agenda.</p> <p>Action Mar/15/003, Completed.</p> <p>Action Mar/15/004, Phil Scott agreed to circulate the BRE Evaluation Question Set together with the analysis of the responses.</p> <p>Action Mar/15/005, on today's agenda.</p> <p>Action Mar/15/006, Completed, Phil Scott observed that there was not an appropriate category on the PSF web site for this type of information, Peter Davidson agreed to add a suitable category.</p> <p>PSF members were reminded to send any useful papers or information to Peter and Tom for inclusion in the website</p> <p>All other Actions closed – see details in Action List</p>	<p>July/15/001</p> <p>July/15/002</p> <p>July/15/003</p>
2	Safety Messages	
2.1	<p>Nuclear Daily Safety Messages</p> <p>Graham Finn explained that EDF's UK business published a daily Safety Message, for use throughout the company, the content is generated by staff members.</p> <p>The theme for this week's Nuclear Safety Message is "How risk and internal controls support, safe, reliable operation of our nuclear plant", and the Message for today (Tuesday) is "How does governance, risk and internal controls support Nuclear Safety?"</p> <p>For the other parts of EDF's UK business this week's theme is "Listen to your body" and the message for today is "How do you ensure you are always sufficiently hydrated at work, especially in hot weather?"</p>	
2.2	<p>Graham handed forum members copies of the supporting documentation for this week's themes. PSF members discussed this approach and agreed that it was a powerful tool particularly as it had strong support from the top of the organisation.</p>	

3	CoMAH Strategic Forum – Forward Plan	
3.1	<p><i>Current initiatives, where do we want to be in 5 year’s time?</i></p> <p>Ken Rivers, independent chairman of the CoMAH SF had been invited to present on this topic.</p> <p>Ken opened by introducing the CoMAH SF; it had been established in 2013 as one of the outcomes of the Better Regulation Executive’s review of the enforcement of the CoMAH regulations in the chemical industries, Ken took on the role of chairman in February 2014. The forum is the point for strategic dialogues between CoMAH regulators and industry, it has a big remit and some crisp deliverables.</p> <p>Its initial task was to oversee the implementation of the BRE review and the new legislative environment resulting from Seveso III.</p> <p>With these two initiatives progressing there was an opportunity to identify “Where we want to be in five years time”. An industry document has been drafted setting out these aspirations, which in summary are:</p> <ul style="list-style-type: none"> ➤ World class safety/process safety record for UK major hazard sectors ➤ BRE Programme improvements are bedded in, fully implemented, and delivering benefits ➤ Principles of Process Safety Leadership continue to underpin industry approach to managing risk ➤ Improvements to Land Use Planning & Consents framework ➤ Timeliness with regulatory communications on enforcement decisions and interventions <p>The gaps between where we are now and where we want to be were subsequently identified, as a result four key tasks were drawn up for working groups to address, these are:</p> <ul style="list-style-type: none"> ➤ Deliver a robust, proportionate release of COMAH Operators performance in controlling major accident risks. WG to be lead by Paul Logan. ➤ Collaborate with other players who have a role in or hold influence within the major hazards sector. WG to be lead by Peter Newport. ➤ Develop a narrative that sets out the impact of Buncefield and the sectors adoption of the PSLG Principles. WG to be lead by Peter Davidson. ➤ Ensure the Forum works in a transparent and visible way – Review of the Forum’s ToR and governance, plus industry input to Chemical Sector Strategy. WG to be lead by Phil Scott <p>A wide ranging discussion on Ken’s input ensued, forum members welcomed the initiative and the interest other government departments, BRE and BIS, were taking in this work. Increasingly there appears to be a recognition across government that there is a need for industry to flourish in the UK.</p>	
4	AWE Update	
4.1	<p><i>Update on AWE initiatives</i></p> <p>Jenny McGrother, a process safety specialist at AWE Aldermaston had been invited to update forum members on how process safety was tackled at Aldermaston.</p> <p>Jenny spoke to a PowerPoint presentation which Peter Davidson agreed to post on PSF’s web site. The presentation addressed the following topics:</p> <ul style="list-style-type: none"> ➤ Operational issues 	July/15/004

	<ul style="list-style-type: none"> ➤ Supporting arrangements ➤ Strategic decision making ➤ Looking forward ➤ The wider nuclear industry <p>Jenny also explained that AWE were leading on developing nuclear safety cases and had published the booklet “Making safety cases real” as an aid to “Right first time” safety documentation.</p> <p>Forum members discussed Jenny’s input emphasising the need for us all to get better at sharing and learning from both good and bad events. Generally it was thought that the same root cause re-emerged too often because of a failure to fully embed the learning.</p>	
5	Sharing of Best Practice	
5.1	<p><i>Learning Briefs and Safety Alerts</i></p> <p>Peter Davidson confirmed that a draft of the Buncefield Learning Brief had been circulated to PSF members and he would post it on PSF’s web site</p> <p>Ian Gibson observed that SMEs found it difficult to take relevant lessons from the Learning Briefs and offered to prepare a worked example which would be suitable for SMEs</p>	<p>July/15/005</p> <p>July/15/006</p>
6	PSF sector level PSPI review	
6.1	<p><i>Review of feedback from PSPI questionnaire and next steps</i></p> <p>Peter Davidson reported that the questionnaire had been completed by forum members and their input analysed. He undertook to draft the final report on this review in advance of the next meeting of this forum. Generally most forum members were recording sector level process safety indicators, however there were no common metrics or sharing methodology.</p>	<p>July/15/007</p>
7	IOSH Operational Performance	
7.1	<p><i>How H&S can be linked to improved operational / commercial performance</i></p> <p>Shelley Frost explained that rather than the topic set out above she would be describing H&S and cost benefit.</p> <p>IOSH’s strategic objective is to advance the professional standards of its c.46,000 members who work across all industries.</p> <p>The key goals for IOSH are:</p> <ul style="list-style-type: none"> ➤ To make an impact internationally ➤ Use their charitable status to invest in business opportunities ➤ To advance standards ➤ Become a centre of excellence in knowledge management <p>Shelly distributed copies and spoke to the following IOSH publications:</p> <ol style="list-style-type: none"> 1. Li£e savings, Cash back: ‘how to’ guide to developing the business case for a health and safety initiative 2. The business case for engineering in health and safety <p>Forum members discussed Shelly’s input and asked a number of questions to clarify the work of IOSH specifically its priority work areas and their links with process safety.</p>	

8	CDOIF update	
8.1	<p>Update on current CDOIF projects</p> <p>Peter Davidson reported:</p> <ol style="list-style-type: none"> 1. A working group had been formed to address the topic “Human Factors – improving techniques”, this would compliment the recently completed work on “Human Factors – review of procedures”. The task team had drafted Terms of Reference and were working towards a completion date in Q2 2016. 2. A draft of a report dealing with escalation routes for rim seal fires had been circulated for stakeholder comment. 3. Draft Terms of Reference for “Guidance for the preparation of a Seveso III Article 4 dangerous substances dossier” had been circulated to CDOIF members and nominations for working group members were being sought. <p>Phil Scott reported:</p> <ol style="list-style-type: none"> 1. The work to distil out key messages from the PSLG final report for other sectors, which had been suspended at a late stage due to resource issues, has now been picked up by EEMUA. It is intended that this will be published on completion. 2. Work on occupational health issues supported by a team at HSL has identified that despite limited reliable data, dermatitis and asthma seem to have a higher than expected incidence in parts of the chemicals sector, with the detergent and pharmaceutical sectors being the highest risk industries. Work to understand the reasons for this is being taken forward by a CDOIF working group. 	
9	Recent incident review	
9.1	<p>Air Products attack, France</p> <p>Phil Scott reported that 2 recent incidents at major hazard sites in France (Air Products in June, and Lyondell Basell near Marseilles 14 July) were being treated as potential terrorist-based attacks. The incident at Lyondell Basell (a CIA member company in the UK) involved simultaneous fires on separate tanks at different parts of the site; the exact circumstances are still under investigation by the French authorities. The incidents nevertheless were a reminder that security vigilance has never been more necessary. Phil also reported that CIA had published guidance in September 2014 on the current threat level and with links to more detailed practical guidance – this is already available on the PSF website (under ‘Guidance’).</p> <p>Peter Davidson raised the issue of terrorist attacks at vulnerable industry facilities, explaining that disclosure requirements under Seveso III and Fol requests were an increasing cause for industry concern.</p>	
9.2	<p>CAPECO explosion Puerto Rica</p> <p>Peter Davidson reported that the CSB’s final investigation report into the “Caribbean petroleum tank terminal explosion and multiple tank fires event” could be downloaded at:</p> <p>http://www.csb.gov/assets/1/16/06.09.2015_FINAL_CAPECO_Draft_Report_for_Board_Vote.pdf</p> <p>Paul Thomas asked Peter to develop a Learning Brief based on this incident</p>	July/15/008

10	Closing statements	
10.1	<p>Any other business</p> <p>Paul Thomas asked if there were gaps in forum membership and if further TAs should be asked to join the forum. Peter Davidson suggested that, at this point, effort should focus encouraging more involvement by the current membership.</p> <p>Ken Rivers offered to make an IChemE connection with the forum</p> <p>Paul Thomas thanked Ken Rivers and Jenny McGrother for attending this meeting of the PSF and making such interesting and informative presentations. Paul also thanked Shelley Frost for use of the IOSH facilities and their hospitality.</p>	
10.2	<p>Date and venue for the next meeting:</p> <p>The Date of the next meeting will be agreed through a doodle poll.</p> <p>Ian Gibson offered to host at the Mineral Products Association's office, Gillingham House, 38-44 Gillingham Street, London SW1V 1HU</p>	

ACTION LIST			
No.	Description	Owner	Target
July/15/001	Identification of relevant learnings from the Santiago de Compostella rail crash and the recent SPAD in the UK.	RSSB / Paul Thomas	September 2015
July/15/002	Circulate the BRE Evaluation Question Set together with the analysis of the responses..	Phil Scott	September 2015
July/15/003	Establish new category on PSF web site for non specific Learning Briefs	Peter Davidson	September 2015
July/15/004	Post Jenny McGrother's PowerPoint presentation on PSF web site	Peter Davidson	September 2015
July/15/005	Post Buncefield Learning Brief on PSF web site	Peter Davidson	September 2015
July/15/006	Develop a Learning Brief suitable for use by SME's	Ian Gibson	September 2015
July/15/007	Draft the final report on the PSPi review	Peter Davidson	September 2015
July/15/008	Develop Learning Brief for CAPECO explosion Puerto Rica	Peter Davidson	September 2015