

## Notes of Risk Assessment Working Group Meeting held on 14 May 2007 at Advantica's Offices, Loughborough

Final dated 16 August 2007

RAWG/07/011

Present:-

Neil Jackson	-	National Grid (Chair)
Roger Ellis	-	Shell
Peter Davis	-	BPA
Neil Macnaughton	-	Ineos Grangemouth
Mike Acton	-	Advantica
Jane Haswell	-	PIE
Rod McConnell	-	Independent Consultant

### 1 Apologies –

Richard Espiner	-	BP Sunbury
Phil Hall	-	BP Grangemouth
Barry Dalus	-	Northern Gas Networks
Graham Goodfellow	-	Centrica

### 2 Minutes of last meeting, 28 February 2007 at Loughborough

Comments had been included and were now agreed as an accurate record. They will now be issued to UKOPA membership.

### 3 Matters arising from 28 February 2007 Meeting

Actions lists from previous meetings were reviewed and discussed. Most items had been progressed and completed, or were included as agenda items for this meeting.

Action list from this meeting is shown below at **Table 1**. It was agreed that a register of outstanding HSE issues should be established (RAWG/07/009) and several ongoing actions have now been transferred to this new list.

**Document control and archiving** – JVH has produced a Register of Technical Justification Documents supporting Code Supplements. Several of these have UKOPA reference numbers, other do not.

**Action 1** - This list needs to be checked and agreed by members and progressed JVH

**Action 2** - It was agreed that a document register should be established for all RAWG documents, and this should include previous technical papers - Rod McConnell

### Societal Risk and application of F-N Curves to pipelines

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A meeting was held on 30 March at Bootle with HSE attended by NJ, MA, GG and RAMc. This was a useful meeting which clarified a number of issues. Notes of the meeting are issued as RAWG/07/012, and have been sent to HSE for comment.

#### **Use of FFREQ for 3<sup>rd</sup> Party Failure Rates**

This item is being progressed by Advantica and financed through FDMG – **Action 3** - is ongoing.

Comments on HSE Consultation cd211 Land Use Planning Zones for Petrol Depots have been produced (RAWG/07/004). Neil Macnaughton agreed to draft a response to HSE by 23 May.

**Action 4** – Draft a response to HSE on Petrol Depots LUP Zones proposals

#### **4 Supplements Update**

JVH described progress. Final revisions to PD8010 supplement following the meeting in Newcastle on 16 March are progressing and should be ready for public consultation soon. Comments on Version 12 of IGE supplement have been received and are being progressed. It will also need changing to meet requirements from the 16 March meeting. Target dates now are for IGE to be issued in September and the PD8010 to be issued in December.

#### **5 HSE Issues, Update from recent meetings, Email to Moira Wilson**

Neil Jackson has drafted an email (RAWG/07/007) with attachments. It was agreed that this should be sent, except for attachment (A) "Terms of Reference for HSE/UKOPA Technical Review Meetings to review Land Use Planning Applications that have failed PADHI & Protocol for HSE Further review of Land Use Planning Applications that have failed PADHI" (RAWG/07/005) which requires further small revisions before being sent. **Action 5** - document needs to be updated.

#### **6 Review of Work Area Summaries for HSE**

The format and content of the Outstanding Issues listing was agreed for a total of 9 topic areas, and is issued as Draft RAWG/07/009. The listing will be sent to HSE once it has been approved by members.

#### **7 AOB**

7.1 Jane Haswell gave a description of the Public Inquiry into the new Milford Haven pipeline AGI in Gloucestershire, and the benefits of having a publicly-declared risk assessment approach. The new code supplements will be very helpful in this respect.

7.2 Neil Jackson described a recent development in Bourne in Lincolnshire where the HSE's risk assessment showed 700 times the risk compared to NG. The difference was accounted for by 4 times on failure rates, 10 times on slabbing, 4 times on ignition probability, 2 times on using 1000 tdu vs.1800 tdu. This still left a factor of 2 unaccounted for. The planning application was approved based on NG's assessment.

7.3 Dr Julia Race at Newcastle University has completed the work she is doing for UKOPA describing the methods for assessing dents. **Action 6** - JVH agreed to review the draft report, ready for Dr race to present it at the UKOPA Technical Seminar on 20 June 2007 at Eakring.

7.4 Rod McConnell raised an issue concerning vacuum formation and rate of drain down from a ruptured multi-product pipeline. Rate of drain down is of interest because it affects the required rate of closure of intermediate valves to minimise spillage amounts. Possible work by a university is envisaged to solve heat and mass balance parameters affecting rate of drain down. He is proposing to contact universities and write an expenditure proposal for UKOPA to fund the work.

7.5 Roger Ellis mentioned that UKOPA FDMG are due to produce the biannual report on leaks from UKOPA pipelines. He asked Jane Haswell to review what would be required to also publish data on faults – **Action 7**.

7.5 Peter Davis raised the issue of gasoline operators joining the FDMG to contribute fault data to the UKOPA database. Roger Ellis promised to provide data and to consider a presentation at the next UKOPA meeting 10/11 October– **Action 8**.

## 11 Next Meeting

Next meeting proposed for Tuesday 14 August at Tebay.

R A McConnell  
Draft 01 issued on 21 May 2007

<b>Table 1 - Actions Generated at this Meeting 28 Feb 07</b>		
<b>No</b>	<b>Action</b>	<b>By</b>
<b>1</b>	JVH agreed to arrange for the list of documents on the technical register she has produced to be put on the members website and that she would identify the documents that should be put in the public domain (with the Management Council's agreement).	<b>JVH</b>
<b>2</b>	A document register should be established for all RAWG documents, and this should include previous technical papers	<b>RAMc</b>
<b>3</b>	Advantica to submit proposal to UKOPA for making FFREQ available to UKOPA members – to be progressed either through FDMG or via Expenditure Proposal	<b>MA / RE</b>
<b>4</b>	Draft a response to HSE on Petrol Depots LUP Zones proposals	<b>NMcN</b>
<b>5</b>	"Terms of Reference for HSE/UKOPA Technical Review Meetings to review Land Use Planning Applications that have failed PADHI & Protocol for HSE Further review of Land Use Planning Applications that have failed PADHI" (RAWG/07/005) needs to be updated and sent	<b>NJ</b>
<b>6</b>	Review the draft report, ready for Dr race to present it at the UKOPA Technical Seminar on 20 June 2007 at Eakring.	<b>JVH</b>
<b>7</b>	Review what would be required to also publish data on faults with the biannual UKOPA FDMG leak database report	<b>JVH</b>
<b>8</b>	Provide data on what would be required and the benefits to gasoline operators of including their pipelines in the UKOPA fault database and to consider a presentation at the next UKOPA meeting 10/11 October.	<b>RE</b>