

Phill Jones

From: Jackson, Neil W [neil.w.jackson@uk.ngrid.com]
Sent: 05 March 2009 14:11
To: Barry Dalus; Graham Goodfellow; Jane Haswell; Mike Acton; Neil MacNaughton; Peter Davis; Phil Hall; Richard Espiner; Rod McConnell; Roger Ellis; Will Jeffries
Cc: Mccollum, David J; Potts, Steve; Gary.Toes@advanticagroup.com
Subject: Notes of Meeting with HSE and HSL to Discuss the Effectiveness of Slabbing 05-03-09

All,

Along with Gary Toes and Mike Acton from Advantica I met with Deborah Keeley and Peter Harper from the HSE today the 5th March to discuss risk reduction factors associated with slabbing. Gary who did the original work for UKOPA gave the HSE a short presentation which outlined the background, i.e.:

UKOPA report R8904 was produced in March 2006. This was the report that was used as the basis for the risk reduction factors used in TD/2. This work has been updated by some work that was carried out subsequently by Advantica as a part of an international collaboration. The following issues came up in discussion:

- HSL identified an apparent flaw in the fault tree logic in the R8904 report.
- The flaw in the fault tree logic had been recognised and addressed in the subsequent Advantica work, but it was believed that the change did not affect the conclusions and the risk reductions factors in TD/2 which were believed to be still in line with the conclusions of the further Advantica work.
- It was explained that because of the current availability of data in this area some judgements are required when assessing the fault tree, this was accepted by HSE.
- It was believed that the further Advantica work was an improved approach and it was agreed to update the original UKOPA report to bring it into line with this approach.
- Essentially the improved approach was to evaluate the fault tree separately for each size category of equipment that could be working in the vicinity of a pipeline, and then factor the overall result based on the number of machines in each size category (i.e. the population of each machinery size category).
- Advantica agreed to write a proposal to carry out this further work, I will then arrange for sign off by UKOPA, note Gary did not believe this would be a significant amount of work.
- HSE/HSL agreed to review the draft of the updated report.
- The final report would be used to support a case that would be put forward by Peter Harper to the HSE Panel.

Overall a very positive meeting, HSE were supportive of the approach taken but wanted the report updating as discussed above before putting the conclusions forward to the HSE Panel.

Rod, note Deborah mentioned that Shane was waiting for a justification from you for the risk reduction factors for depth of cover at higher end of the curve, i.e. the deeper depths.

Roger, Deborah also asked for an update on fault data, I think this was because of the work that Shane was doing updating PIPIN. I suggest that Shane gives you a ring. I think they were interested in when the data would be published externally.

Regards

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