

#### Newsletter n° 1 – first semester 2014

The Bureau for Analysis of Industrial Risks and Pollutions (**BARPI**) of the French Ministry of Sustainable Development has the pleasure to release its first English newsletter. This newsletter aiming at experience feedback on technological accidents will come out twice a year. As a « traditional contact of the BARPI », you have been registered in our mailing list. If you do not wish to receive the next issues, use the unsubscribe button at the bottom of this message. On the contrary, do not hesitate to forward this message to any person you think might be interested. **Registration is free at the following address:** http://www.aria.developpement-durable.gouv.fr/newsletter/?lang=en

### Synthesis: When natural hazards cause technological risks



What happens when the world's third-largest economy is simultaneously hit by a once-in-a-century earthquake and a once-in-a-millennium tsunami? This overview provides an insight into the primary accidents that occurred on industrial sites in several key sectors of Japan's economy that were hit by the earthquake and/or the tsunami of March 11th, 2011.

## Flash ARIA: Test of pressure equipment: ensure the safety of personnel!



Hydraulic, leak or strength tests, internal or external inspections are usual operations conducted to verify the reliability of pressure equipment, with the aim of preventing pressure risk. This news flash shows some risks related to these tests through examples.

# Accident report: Extended release of mercaptan at a chemical plant



#### ARIA 43616 - 21/01/2013 - ROUEN (76)

When a thermal decomposition remains undetected for two days in a chemical plant, an unfortunate combination of the resulting odour emissions with adverse wind conditions turned an isolated process accident into one of the most publicized French industrial accident of the decade.

More

## 10<sup>th</sup> IMPEL seminar "Lessons learnt from industrial accidents"



Once every 2 years, the French Ministry of Sustainable Development organises a seminar on Lessons Learnt from Industrial Accidents through the IMPEL European network. In the last edition that took place in May 2013, 250 inspectors from 20 countries discussed 15 accidents.

The key role of human and organizational factors was highlighted again, emphasizing the part of risk analysis before works, follow-up of the installations, management of change...

Seminar proceedings are on-line and European inspectors will be warmly welcome to join the next edition in 2015!

#### MAHB Lessons Learnt Bulletin



The Major Hazard Bureau (MAHB) of the Institute for the Protection and Security of the Citizen of the European Commission issued a "Lessons Learned Bulletin for chemical accident prevention and preparedness", whose aim is to provide insights on lessons learned from accidents reported in the European Major Accident Reporting System (eMARS) and other accident sources. The theme of this 4th issue is Corrosion-Related Accidents in Petroleum Oil Refineries.

ARIA Website: http://www.aria.developpement-durable.gouv.fr/?lang=en

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