AMMONIA CRISIS

Debates on Mechanical Integrity of Ammonia Tank
AMMONIA Reservoir
TECHNICAL Details

-33°C
<table>
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<tr>
<th>Report Author</th>
<th>Year</th>
<th>Report Inviter</th>
<th>Risk Radius</th>
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<tr>
<td>RAFAEL (Israel)</td>
<td>1987</td>
<td>Haifa Chemicals Ltd.</td>
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<td>Public Advisory Committee Herzl</td>
<td>2007</td>
<td>EPA Israel</td>
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<td>Shafir (Israel)</td>
<td></td>
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<td>HFC (Israel)</td>
<td>2016</td>
<td>HFC Israel</td>
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<td>DNV (Norway)</td>
<td>2010</td>
<td>Haifa Municipality</td>
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<td>TNO (Netherlands)</td>
<td>1998</td>
<td>Israel Government</td>
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Cradle-to-Grave
VITALITY OF AMMONIA AS A RAW MATERIAL

Ammonia is not vital for Israeli economy and Ammonia Reservoir is not a National Interest

MECHANICAL INTEGRITY

The reservoir has never been inspected from inside. There are cracks in the walls of the tank, because of the ageing of the installation.

VULNERABILITY OF AMMONIA SHIP

The ammonia carrier ship is the Achilles’ heel of the supply chain and an accident in the sea may cause risk as large as 5 Hiroshima nuclear bombs.

WAR RISKS

The physical protection of the tank is not good enough for new war threats

EARTHQUAKE RISKS

The tank is not reinforced for earthquake and may collapse, causing a tremendous number of fatalities and injuries.
The absence of a coordinator at governmental level

Zigzagging between official positions

Delay in providing a contradiction reaction
Short-term ALTERNATIVES for ammonia import
I’ll take something that will look best on FACEBOOK