1st Topical Peer Review
Public event – 3rd May 2018
Brussels

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Project Manager, Thematic group on
CONCEALED PIPEWORK
Concealed Pipework

Scope of review:

concealed pipework important to safety for all pipework designs where the pipework is:
* Buried in soil;
* Encased in concrete; or
* In covered trenches.

National Assessment Reports should identify the scope of ageing management related to concealed pipework by describing:

a) Methods and criteria used for selecting concealed pipework within the scope of the ageing management;

b) Processes/procedures for the identification of ageing mechanisms related to concealed pipework;

c) Grouping criteria for ageing management purposes.
## Concealed Pipework

### Review Process:

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<tr>
<th>Role</th>
<th>Organization</th>
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<tbody>
<tr>
<td>Project Manager</td>
<td>Office for Nuclear Regulation – UK</td>
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<tr>
<td>Rapporteur</td>
<td>Authority for Nuclear Safety and Radiation Protection – Netherlands</td>
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<tr>
<td>Experts</td>
<td>Autorité de Sûreté Nucléaire – France (2)</td>
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<td>Institute for Environmental Protection and Research, Italy</td>
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<td>UJV Group – Czech Republic</td>
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<td>State Scientific and Technical Center for nuclear and radiation safety – Ukraine</td>
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<td>State Nuclear Power Safety Inspectorate (VATESI) – Lithuania</td>
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Total of 280 questions related to concealed pipework raised, of those 138 from thematic group
Areas of focus for TPR Workshop

- Ageing management strategy, is there one? Is it appropriate?
- Extent of condition (how established, uncertainties)
- Environment (general vs local, seasonal variation)
- Inspection
- Mitigation strategy
- Repair strategies & material selection
- Maintenance strategies
- Reinstatement of buried system
- Plant walk-downs
- Operational Experience

- Research reactors vs NPP.