### Form 2

**Technology Information**

<table>
<thead>
<tr>
<th>Area</th>
<th>4</th>
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</thead>
<tbody>
<tr>
<td>Title</td>
<td>Management of Contaminated Water Inside the Buildings</td>
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<tr>
<td>Submitted by</td>
<td>Fluor Federal Services, Inc.</td>
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</tbody>
</table>

1. **Overview of Technologies (features, specification, functions, owners, etc.)**
   - Proposed technologies and approaches to block water inside the buildings:
     - Upstream diversion techniques
     - Waterproof paints and coatings
     - Spray foams/polymer applied by long-reach hoses and nozzles or through remote crawlers with nozzles
   - Proposed technologies and approaches for soil improvement
     - Improve water collection systems around buildings, where accessible
     - Hydraulic hammer installed angle access borings
     - Grout fill of underground void spaces
     - Drainage trenches
     - Coverings to divert precipitation

2. **Notes (Please provide following information if possible.)**
   - Technology readiness level (including cases of application, not limited to nuclear industry, time line for application)
     - Most of these are readily implementable, depending on site-specific conditions
   - Challenges
     - Access
     - Contamination levels
     - Interference from systems or operations
     - Severe weather conditions
     - Longevity of applied products
   - Others (referential information on patent if any)