**Integration Group for the Safety Case (IGSC) Symposium 2024**  
*MOVING TOWARDS THE CONSTRUCTION OF A SAFE DGR – GETTING REAL*

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| **Abstract Title:**  The French Summary Memory File for the Manche Repository: combining stakeholder dialogue and expertise to meet safety related regulatory requirements.  Andra – France  [florence.poidevin@andra.fr](mailto:florence.poidevin@andra.fr) | |
| **Abstract (300-500 words):**  The French “environmental code” includes requirements about the memory of the nuclear waste repositories. To meet them, Andra launched in 2010 a “Memory for future generations programme”, with three main purposes: facilitate the decisions of future generations, pass on a technical and cultural heritage, and avoid as long as possible the risk of involuntary human intrusion in nuclear waste repositories, which enhances their passive safety.  These three complementary purposes imply understanding how memory and knowledge can be conveyed along different timescales, to different categories of people, and building a robust system for preserving the related data.  To address these issues, the Memory programme is structured in four pillars: archives and regulatory documentation, societal interactions, studies and research, and international cooperation, in a multimodal and multidisciplinary approach. The Memory programme has led, among others, to elaborate a first version of a Summary Memory File (SMF) for the oldest Andra repository (the Manche Surface repository), in accordance with the “environmental code” which requires a preliminary SMF for each repository to enter the closure phase.  This SMF, similar to the Key Information File studied with the RK&M NEA initiative, and the WP-IDKM, has to describe the facility, including the waste inventory, and to inscribe the repository in the collective memory, especially after the 300-years-long monitoring phase. As a result, it must combine legibility and technical relevancy. Its elaboration is the result of the co-operation of a wide range of key actors: authorities, researchers in semiotics, Andra’s experts from various disciplines, local communities. | |