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## French experience in the implementation of the Additional Protocol France-Euratom-AIEA

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### **Abstract:**

When the French Additional Protocol entered into force on April 30<sup>th</sup> 2004, the technical support (IRSN) of the French authorities had already carried out some actions in order to meet the new obligations of this agreement. As this protocol extends the scope of the I.A.E.A.'s control to operators (Nuclear fuel cycle related R&D, manufacturing and export of some specific equipment and non nuclear material, ten years nuclear fuel cycle related R&D plans ...) which do not manipulate nuclear materials, a tremendous work was done to be able to send in due time the initial declaration to the I.A.E.A.

Three main activities were carried out in parallel:

1. Identification of the entities potentially concerned,
2. Elaboration of a declaration handbook,
3. Elaboration of declaration forms.

Once the entities potentially concerned by a declaration under the Additional Protocol identified (more than 1700), these entities were informed of the context and of the obligations of the Additional Protocol and a declaration file (forms and handbook) was sent to them in order to help them to check whether they were actually concerned or not and to provide declaration if necessary.

All the entities answers were analysed by IRSN. The main part of the work consisted in giving support to the companies on the redaction of their declarations, in verifying that all the information required by the declaration forms were provided and in crosschecking and consolidating the declarations made by different actors of a common R&D program.

This work enabled IRSN and the French authorities to submit in time the initial declaration under the Additional Protocol.

Since the initial declaration, IRSN provides every year (2004 to 2008) updates by following a very similar process to the one described above with some improvements. These updates constitute the French annual declarations to the Additional Protocol to the France-Euratom-IAEA safeguard agreement (Infcirc 290/Add.1).