

Organization of Radiation Protection in a Large-Scale German Enterprise

Andrea ENGELMANN-MÜLLER, DaimlerChrysler AG, Stuttgart, Germany

Abstract - For the fulfillment of laws concerning radiation protection in a large-scale enterprise like the DaimlerChrysler AG it is necessary to define an organization form which considers sufficiently to the value of the legal tasks. As corporation the DaimlerChrysler AG called a member of the executive committee, which notices the tasks and obligations of the radiation protection supervisor. The radiation protection supervisor delegated in writing his tasks and obligations at the individual company sites and divisions of the DaimlerChrysler AG in Germany on radiation protection authorized persons. That way the responsibilities are clearly fixed and the preconditions for the fulfillment of all tasks concerning radiation protection are created.

1. Organization

In accordance with the German regulations (§ 13 X-Ray Ordinance and § 31 Radiation Protection Ordinance) the DaimlerChrysler AG called a member of the executive committee, which notices the tasks and obligations of the radiation protection supervisor. Since the DaimlerChrysler AG is active at different locations in Germany, the tasks and obligations of the radiation protection supervisor for the company sites were locally delegated on radiation protection authorized persons. The delegation takes place in writing, so that the responsibilities are clearly fixed. The radiation protection authorized persons take over all tasks and obligations of the radiation protection supervisor for their locations. In order to consider to the legal tasks sufficiently, the radiation protection supervisor determined that the radiation protection authorized persons must belong to an appropriate hierarchy level. The radiation protection supervisor is ultimately responsible for monitoring. For the performance of this monitoring function the radiation protection supervisor established a central, coordinating position. This coordinating radiation protection authorized person is skilful and coordinates all activities of the DaimlerChrysler AG according to radiation protection.

2. Intention

This radiation protection organization is to guarantee the fulfillment of all radiation protection interests due to the laws. A substantial factor for this intention is the position of the coordinating radiation protection authorized person. Here all information concerning radiation protection is bundled. The coordinating radiation protection authorized person gives advice and support to all staff with tasks and responsibilities in radiation protection at the individual locations and guarantees legal compliance.

3. Implementation

In order to achieve the goals mentioned, the tasks and obligations must be noticed within the radiation protection organization. Also here the coordinating radiation protection authorized person takes over a central function. For the exchange of experience and information of the radiation protection authorized persons and the radiation protection officers as well as for the transfer of the current knowledge in legislation and science and the state of the art to this staff the coordinating position arranges a radiation protection colloquium with both in house and external experts once annually. Moreover this position provides for the implementation of in house regulations due to legal regulations to ensure legal compliance in radiation protection within the DaimlerChrysler AG.

The competent coordinating radiation protection authorized person performs the radiation protection supervisor's responsibility of monitoring by reporting the relevant information to him. He also maintains periodical personal and written contacts to all staff with responsibility in radiation protection and accomplishes on site inspections.