

*Answers to Questions and Comments
Raised by Japan
on the
National Report of the Czech Republic*



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JAPAN 1, page 38-46, Section 6.1.3: Training of the Maintenance Personnel: In the report of the Article 11, training programs for operators, maintenance personnel and others are described inclusively, where special attention is paid to control room operators. The role of maintenance personnel is important to the safe operation of NPPs. Please explain the content of maintenance personnel training and the requirement for individual qualification? What kinds of maintenance training facilities do the Czech NPP operators (licensees) have?

As for the maintenance staff specialised training, it is - in its major part - a specialised preparation for execution of the major activities from the nuclear safety and radiation protection point of view. This specialised training proceeds in context with the legislation in force (Law 18/1997 Coll.) upon which the issued procedures of the company follows (procedure 23.02.03, procedures 23.02.03.02-03, directives of the deputy managing director No. 6/97 and 18/97).

In the case of ČEZ, a.s. employees, only those can be active in maintenance who have finished a secondary technical school or have vocational training in a relevant technical trade (a more detailed specification is available at the level of documentation describing a particular job), if they have also taken a specialised training in the field of nuclear activities, and are meeting necessary health and mental criteria. This specialised training is mainly entailed by a basic specialised education which must be finished before in a group of epsilon training (maintenance personnel), and in a relevant specialised branch (mechanical maintenance, electrical maintenance, measurement and control system maintenance, and further a participation in the periodic courses (training days), and finishing of other types of specific and professional training (training in knowledge of the relevant notices and standards, training in safety of work and health protection, fire protection, and to-accident readiness, training about movement along a controlled zone, on-site instruction, etc.).

For maintenance activities by a contracted staff the employer's applicable obligations resulting from the law 65/1965 Coll. (The Labour Act) must be respected along with the licensee's liabilities according to the Atomic Act. Only those contracted staff members can perform the maintenance activities who have finished a specialised technical secondary school or are trained in a specialised technical vocation, have also taken a specialised course in the field of nuclear activities, and are bodily and mentally healthy. The specialised training in nuclear activities can be subdivided into two parts: preliminary one within the licensee's responsibility (includes an initial training at the NPP, training for movement within the controlled zone, basic specialised course at the Training and Exercise Centre, training for the works on the open primary circuit, safety and health protection training for the contractors' managing staff including fire protection and accident readiness, on-site instruction for the contractors' managing staff) and the training within the contractor's responsibility (including the preparatory courses for changed activities, training of regular staff members in safety of work and health protection, prior-to-quality preparation, manager's courses, training days, on-site instruction sessions).

Fulfillment of the requirements on the contracted staff professional competence is ensured at the level of the contractual relationships between the licensee (or organisational units) and contractor who shall undertake in the contract to adhere to the relevant internal legislation of the enterprise, issued for this purpose by the organisational unit (see the Dukovany Directive 24/109), guaranteeing at the same time his willingness to keep the required qualification

levels of the staff members active in the equipment maintenance. The licensee or an organisational unit shall place under his audit the system of specialised training and the ways how the specialised competence is ensured at the contractor's staff and this audit shall form an integral part of the contractor's Quality Assurance Manual. If there is any out-of-standard overhaul/repair under preparation, the training on a single-purpose model of the equipment must be taken in this preliminary phase.