

PRESS RELEASE

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ÚJD SR information on the current state of inspections at Unit 3 of Mochovce 3&4 NPP

The state of preparedness of Unit 3 of Mochovce 3&4 NPP for the issuance of ÚJD SR permit for commissioning is monitored and regularly evaluated. During the summer months, work progressed in elimination of deficiencies identified mainly during local inspections of building objects performed by the building authority, and during repeated heating of the primary circuit that was carried out at the beginning of 2020. There were no new major deficiencies preventing continued commissioning identified at the construction site. Findings from the ÚJD SR inspections in the recent period concerned insufficient documentation of compliance with quality requirements, that means that the licence holder has yet to complete, supplement or specify documentation proving the quality of certain equipment and work performed.

The facilities and systems of Unit 3 of EMO are currently in the mode of wet and dry preservation after the integral hydrotests performed at the stage of extended revision. Deficiencies identified during testing are eliminated and equipment and system settings of parameters are optimized. The verification of electromagnetic compatibility is being completed; the cables are redressed before their final covering. At the same time, the last modifications are being made to the buildings, which must be completed for their possible early use. The As-Built Documentation is checked, official tests and certification of the equipment of the conventional island are performed. The documentation proving the readiness of the Unit for fuel loading is specified and updated.

At the same time, the quality, and properties of the materials of the piping parts are verified according to the approved methodology. Based on the inspection, ÚJD SR states that the verification of the materials of piping components installed at Unit 3 were completed to the extent originally determined, based on the approved methodological procedure. All components classified in terms of their impact on nuclear safety in the highest safety classes have already been inspected. At the same time, producers of metallurgical semi-finished products, as well as authorized legal entities were contacted to verify the authenticity of the issued inspection certificates. Evaluation of measured results and conformity assessment by material specialists is in progress. Based on the results of this evaluation, it may be necessary to extend the originally specified scope of verification for components classified in lower safety classes. The investor prepares the final technical report requested by the Authority from the verification of quality of materials used in the production of selected equipment, the content of which, together with the initial data, will be subsequently assessed by the Authority.

ÚJD SR further inspects and evaluates all areas proving the technical and qualitative readiness of Unit 3 for fuel loading. The investor must prove the readiness of the reactor unit for loading the first fuel assembly and the start of active tests comprehensively in all assessed areas, from completion of building objects, through completion of installation activities, successful completion of inactive system and integral tests, elimination of identified deficiencies and backlog items, ensuring fire and radiation protection, environmental protection up to the readiness of personnel and operational documentation. In addition to completing verification of quality and properties of the used metallurgical materials of selected equipment, it remains to prove, for example, the required resistance of systems to electromagnetic interference, complete the certification of equipment of the turbine hall and meet the conditions of other regulatory authorities. For example, according to the request of the Fire and Rescue Service, it is necessary to make additional tests to fixed water mist extinguishing equipment. If the licence holder does not prove the fulfilment of all legislative requirements, ÚJD SR will not issue a permit for commissioning of Unit 3 of Mochovce 3& 4 NPP.