

## 7. Table: Summary of the planned actions

Installation	Thematics	Finding	Planned action	Deadline	Regulator's Approach to Monitoring
NPP 1	OAMP	Delayed NPP projects and extended shutdown: During long construction periods or extended shutdown of NPPs, relevant ageing mechanisms are identified and appropriate measures are implemented to control any incipient ageing or other effects.	Implementation of requirements for identification of ageing mechanisms and appropriate corrective actions in case of extended shutdown into the appropriate NPP AMP control documentation. Specifically, new annex will be added into the document ČEZ_PG_0001 Operational Ageing Management Programme or new document will be created. This new annex respectively new document will contain definition of extended shutdown, list of systems mostly sensitive for ageing during extended shutdowns, basic guidance for identification of potential ageing mechanisms and ageing effects which could occur during extended shutdown, basic guidance for implementation of necessary actions for mitigation and prevention of possible ageing mechanisms. This new annex will be updated after the new IAEA guidance for ageing management during extended shutdowns and delayed constructions which is currently under development in IGALL project will be published.	12/2021	SÚJB's review of the new revision of ČEZ Ageing management programme (licencing documentation)

## Implementation status – December 2023

The Chapter 7 “Summary of the planned actions” of the National Action Plan of the Czech Republic on Ageing Management for the Purposes of Topical Peer-Review on Ageing Management under the Nuclear Safety Directive 2014/87/EURATOM (ref.no. SÚJB/JB/18281/2019), contained one action to be fulfilled with the deadline 12/21.

As written in previous Implementation status (May 2021), requirements for identification of ageing mechanisms and appropriate corrective actions in case of extended shutdown were planned to be included in ČEZ Plant Level Ageing Management Programme ČEZ\_PG\_0001 (documentation for licenced activity) as a new annex of this documentation. The first draft of the requirements and measures was prepared by the UJV Rez (operator’s TSO) in April 2021 and discussed with the NPPs operator ČEZ resulted to the second draft of the requirements and measures, which was distributed for comments to responsible NPP departments in the second half of the 2021. After the settlement of comments, ČEZ issued the document “Measures to ensure aging management during the prolonged NPP shutdown” as an annex to the document ČEZ\_PP\_0404, which is the Ageing Management Process Control Documentation falling under the umbrella of Plant Level AMP ČEZ\_PG\_0001. A draft of IAEA guidance for ageing management during extended shutdowns and delayed constructions (later published as IAEA-TECDOC-1957) which was developed in IGALL and used as a basic guidance for the preparation of the requirements for identification of ageing mechanisms and appropriate corrective actions in case of extended shutdown.

After the assessment of the requirements, SÚJB considers implemented measures on finding “Delayed NPP projects and extended shutdown: During long construction periods or extended shutdown of NPPs, relevant ageing mechanisms are identified and appropriate measures are implemented to control any incipient ageing or other effects” as sufficient. SÚJB considers the National Action Plan of the Czech Republic on Ageing Management for the Purposes of Topical Peer-Review on Ageing Management to be completely fulfilled.