

## ANNEX 1: CHRONOLOGY OF THE DUKOVANY POWER PLANT AND EXTENSIONS OF LIFETIMES

- 1974 construction of the Dukovany NPP begins
- *Construction halted because of change to project*
- 1978 construction resumes
- 1985 Reactor 1 put into operation
- 1986 Reactors 2 and 3 put into operation
- 1987 Reactor 4 put into operation
  
- *1992 MORAVA program starts; since 1992, the operator undertook modernization measures (Program MORAVA, later LTO Program). This included replacing the Instrumentation & Control System (I&C)*
- 1996 Preparation to extend the reactors' lifetimes began
- December 2006 Quality Assurance program "Preparation of the NPP Dukovany LTO" submitted to SONS
- December 6, 2007 SONS rejects application of Czech civic association to participate in procedure to extend the operations of Reactor 3 (still during reactor's lifetime)
- January 2008 Document "CEZ, a.s. approach to preparation of NPP long-term operation" was submitted to SONS
- March 5, 2008 SONS President issues decision to uphold rejection of civic association's request to participate in the procedure to extend the operations of Reactor 3
- January 2009 "Strategy of LTO Dukovany", "Program for Assurance of NPP Dukovany LTO" and "LTO Dukovany Preparation Project" approved by CEZ Board of directors, portion relating to safety submitted to SONS
  
- *The power generation at all four Dukovany units is increased by replacing the low-pressure turbines. The 38 MWe uprates of unit 3 and 4 were completed between 2005 and December 2010.*
- *Between 2002-2009 the first of two steps of complete replacement of I&C was undertaken (analog to digital) and second 2007-2017<sup>1</sup>.*

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<sup>1</sup> <http://www.skoda-js.cz/cs/vyroby-a-sluzby/investicni-inzenyring/rekonstrukce-provozovanych-bloku-vver.shtml>

- ***Further uprates of unit 1 are performed in November 2011 and for unit 2 in 2012. The originally designed reactor power of 1375 MWth (440 MWe) is increased to 1444 MWth (500 MWe), which corresponds to a power uprate of 105%.***
- November 25, 2010 Municipal Court in Prague dismisses civic association's appeal of the decision of the SONS President
- October 27, 2011 Highest Administrative Court dismisses civic association's cassation complaint, finds no denial of public participation or justice rights relating to the extension of Reactor 3's operations
- June 20, 2012 Constitutional Court rejects civic association's petition as manifestly unfounded
- September 8, 2015 because of leaks from a weld in an emergency feedwater pipe, CEZ forced to notify SONS about major problems with welds and radiographs. Extraordinary shut-downs of Reactors 2 and 3 and extension of Reactor 1's outage
- September 24, 2015 CEZ applied for extension of license for Reactor 1
- ***1 April, 2016 – permit for the unlimited operation of Dukovany unit 1 enters into force. However, an updated safety report has to be submitted to SUJB every year, highlighting the changes which were realized in the year before and informing about the residual life time of selected systems and safety-relevant systems.***
- ***28 June, 2017 - Unlimited operational license granted for unit 2.***
- ***19 December, 2017 - Unlimited operational license granted for units 3 & 4.***

***NO PUBLIC PARTICIPATION OF ANY KIND OCCURRED DURING ANY OF THE ABOVE STEPS***