

MIT'S RESPONSIBILITY FOR THE DEVELOPMENT OF NUCLEAR POWER

THE CURRENT STATE AND THE EXPECTED SUBSEQUENT STEPS

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MINISTERSTVO
PRŮMYSLU A OBCHODU

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Introduction

- ➔ Greeting and wish of successful conference NERS 2018 from the Minister of Industry and Trade Ing. Marta Nováková from her business trip to China.



State strategy in energy and energy policy

Strategic documents are:

- ➔ State Energy Concept (SEC) (2015) – the top energy strategy paper for 25 years
- ➔ other important documents are the National Action Plans, such as nuclear energy, smart grids (SG), renewable sources, clean mobility, etc.
- ➔ National Energy and Climate Plan

It is a document in which the Member State must put policies and measures in the area of decarbonisation (including renewable energy sources), energy efficiency, the internal energy market and research, innovation and competitiveness, and quantify their impact in particular on reducing greenhouse gas emissions, share of renewable energy sources in final consumption, and increased energy efficiency and energy savings.



State strategy in the field of nuclear energy

- ➔ SEC: State Energy Concept.
- ➔ NAP NP: National Action Plan for the development of nuclear power in Czech Republic.
- ➔ Strategic documents are based on the recognition that the state has a crucial role in energy to ensure energy security, self-sufficiency and reliability in the energy supply of the population and industry. In the field of nuclear power, the following documents:
 - ▶ Support the development of nuclear power as one of the pillars of electricity generation. With a target share of nuclear power generation to generate electricity around 50 % and to maximize heat supply from nuclear power plants.
 - ▶ Define the need for the construction of new nuclear blocks at existing site of nuclear power plants with a total power output of up to 2 500 MW, more precisely an annual production of about 20 TWh in the 2030-2035.



The responsibility of the Ministry of Industry in the energy sector

- ➔ elaboration of the State Energy Concept and the functioning of the energy sector as a sector of the national economy.
- ➔ ensuring the security and reliability of energy supply in the long term
- ➔ setting up the legal framework for the electricity market to ensure that sufficient resources are available for consumption on a long-term basis, as well as sufficient network capacities and a functioning market model
- ➔ implementation of European legislation
- ➔ submitting proposals for basic legislative standards in the field of energy
- ➔ issuing state authorization for the construction of electricity and heat plants
- ➔ fulfills the Czech Republic's information duty towards the European Commission



The responsibility of the Ministry of Industry and Trade for the development of nuclear power

- ➔ developing a strategy in the field of nuclear energy (SEC a NAP NP)
- ➔ publishing legislation
- ➔ participation in the Standing Committee on Nuclear Energy and related obligations
- ➔ coordination of cooperation
- ➔ conducting interviews with potential suppliers of new nuclear technology
- ➔ mapping the possibilities of the Czech nuclear industry and its support
- ➔ communication with the affected regions
- ➔ participating in the support of schools and scientific institutes
- ➔ developing international cooperation



Government Resolution No. 415 of 22 June 2018

- ➔ contains **20 tasks**, 16 institutions, including 9 ministries, are involved in drafting them
- ➔ **main task:** to submit to the Government of the Czech Republic a proposal for the model of investment and the way of financing new nuclear resources
- ➔ analyzes are prepared to complement the already existing „Analysis of selected investor models for the construction of new nuclear sources and the way of their financing“ and „The proces of preparation and realization of new nuclear resources in Dukovany and Temelín sites“, thus creating a comprehensive material as a basis for government decision



Current state

- ➔ a preliminary information meeting was held with representatives of DG Competition (June 2018)
- ➔ material is being prepared for the government, on the basis of processed analyzes, proposes method of investment collateral and the way of financing new nuclear resources, including an assessment of all possibilities of the procedure under the Public Procurement Act
- ➔ The Government of the Czech Republic will decide by the end of 2018 on the method of investment collateral and the way of financing new nuclear resources



Next steps

- ▶ consultation with representatives of DG COMP and evaluation of possible state aid following the selected financing model
- ▶ according to the government's selected financial model will be analyzed the possibilities of maximum utilization and involvement of Czech nuclear research, development and supply sphere in the project of construction of a new nuclear power plant
- ▶ following the decision of the Government, the preparation of the tender for the supplier will commence



Construction of new nuclear sources related tasks

- ▶ in cooperation with the Ministry of Education, Youth and Sports (and other stakeholders) to prepare and propose programs for the preparation of experts for the construction, operation and maintenance of nuclear facilities at all levels (high school and university educated personnel) as well as all the professions concerned authorities and stakeholders of state administration and self-government
- ▶ in cooperation with the Ministry for Regional Development (or other stakeholders) to analyze Czech legislation in order to eliminate unnecessary barriers



Construction of new nuclear resources – opportunities, innovation potential for the development of the Czech economy

- ▶ opportunity for the Czech industry – the possibility of its involvement in the construction of new nuclear blocks in the Czech Republic but also in third countries
- ▶ analyze and propose programs leading to the maximum participation of the Czech nuclear industry in new nuclear projects related to their readiness to build new nuclear resources and thus to increase the innovation potential of the Czech economy
- ▶ in cooperation with the selected investor to evaluate all the variants of the supply model in order to maximize the involvement of the Czech industry
- ▶ the presence of Czech companies on third markets is important for maintaining their production capacities and „know-how“ until the planned construction of new nuclear resources in the Czech Republic
- ▶ to present the possibilities of Czech industry on foreign business trips and in negotiations with foreign partners



Thanks for your attention



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