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# **MISSION**

- operation, maintenance and decommissioning of nuclear installations,
- spent nuclear fuel management and the implementation of fresh and spent nuclear fuel transport,
- radioactive waste management and the execution of radioactive waste transport

Based on the provisions of the amendment to Atomic Act No. 350/2011, the Slovak Ministry of Economy has instructed JAVYS to carry out activities related to the disposal of radioactive waste and spent nuclear fuel, through which it began to fulfill the function of an agency. JAVYS is the only company with a professionally competent staff, appropriate technical means, the establishment of facilities for carrying out these activities, and it is the holder of licenses issued by the supervising authorities.

## SPEECH BY THE CHAIRMAN OF THE BOARD AND CEO

Ladies and gentlemen,

In the eighth year of its existence, "Jadrová a vyraďovacia spoločnost" confirmed its irreplaceable role in the final stage of nuclear energy. We provide all activities at a highly professional and technical level, and also thanks to this, Slovakia rightfully ranks among the developed countries of the European Union.

2014 was challenging for our company, but also successful. One of our highest priorities, also in the following years, has become the maintenance of the continuity of the A1 and V1 nuclear power plants' decommissioning process. From a historical perspective, last year will be tied with the completion date of the first V1 NPP decommissioning phase. Our efforts were directed to the successful attainment of that objective and to obtaining the authorization for the second, final stage of the V1's decommissioning. The decommissioning process is very closely and continuously monitored, also due to the drawing of European funds. The steps that JAVYS implemented are positively assessed not only by the European Commission, but also by the European Bank for Reconstruction and Development, which appreciated the high level of the performed activities and responsible approach to the decommissioning of the V1 NPP. The final report of the audit carried out by this bank highlights the qualified staff, which complies with the environmental, health, safety and social aspects in the implementation of activities at a high level, and also in accordance with the highest occupational health and safety standards issued by the EU and the NRA SR. The progress achieved in the decommissioning works is also positively evaluated, undoubtedly important in applying the new rules in the spending of funds the EC introduced by 2015.

Adherence to high standards in our functioning was confirmed by the representatives of the certification company Det Norske Veritas, who have evaluated the effectiveness of applied management systems and the company's process management in terms of quality assurance, environmental protection and occupational health and safety. The diplomats of the permanent missions to the United Nations Organization in Vienna assessed the company in an equally positive manner during their visit to Slovakia. From this perspective, 2014 was a really successful year for the company.

The big challenge for us is the smooth continuation of the decommissioning process of the A1 nuclear power plant. The date of

completion of the ongoing second stage is set for 2016, but there is still a demanding preparation phase ahead of the power plant's final disposal and the actual implementation of the planned three further stages. We managed to reduce the environmental burden also through the work realized in 2014.

A substantial portion of the company assets consists of activities dealing with different types of radioactive waste. There are nuclear installations with technological lines for their processing and treatment in Jaslovské Bohunice, and also the nuclear facility for the final processing of liquid RAW in Mochovce process and treating radioactive waste in the most modern and safest way. Equipment for metal RAW remelting will be added to the fleet of the processing lines, which will broaden the range of treated waste, and this we will contribute to their release into the environment under strict rules. By launching the second double-row of storage boxes at the National Radioactive Waste Repository (RAWR) in Mochovce, room was made to store 3,600 fiber-concrete containers with processed and treated RAW. Work on the construction of the repository for very low-active RAW has also been launched, and the construction of facilities for institutional RAW and captured radioactive materials has begun in the same location.

In 2014 we transported 311 fuel elements from nuclear power plants, EBO V2 and EMO 1,2 to the interim spent fuel storage in Jaslovské Bohunice. Along with the spent fuel from the V1 NPP, this fuel has been stored here for a long time. Now that the Interim is filled to about 80 percent and an increase in spent fuel from operating nuclear power plants is expected, we propose building additional storage capacity. We have already discussed our intention with the inhabitants of the surrounding villages within the EIA process. In addition to long realized spent fuel transports, JAVYS specialists are also involved in the transport of fresh fuel from the Russian Federation.

In 2014, we recorded the successful entry of JAVYS on international markets, which is the result of our efforts to extend the portfolio of services also for foreign partners. In the past year we were successful in several international tenders. We obtained a contract from the Czech Republic for the processing of solid RAW through combustion at our production lines, which always returns after processing to the country of origin in full. Similarly, we signed a contract with the Italian state company Nucleco for the processing of institutional RAW. Other successful contracts relate to the pro-

cessing of saturated sorbents and sludge from the Italian nuclear power plant Caorso and the provision of consultation services for the construction of a repository for low and intermediate activity level wastes in Iraq. These activities in foreign markets increase the economic stability of our company and contribute to the maintenance of employment.

The achieved positive economic results rank JAVYS between companies that annually generate profits and pay dividends to the state. In 2014, our company made a profit of EUR 12.060 million after tax, and for the 2012 – 2014 period, our total sales and revenues nearly doubled. With our activities we are permanently increasing the company's value and creating stable conditions for sustainable economic growth and economic performance.

The real wealth of any successful company is the people who constitute it. In lecturing and organizational terms, our experts shared their knowledge of decommissioning with the trainees from the International Atomic Energy Agency. Mutually beneficial is the cooperation with Slovak Technical University. Research and education thus approach practical needs, which is very important for the upward trend in the decommissioning and disposal of RAW.

JAVYS strives for its brand not only to be associated with the image of a leader in activities relating to the end of nuclear energy, but also a responsible company that supports the towns and villages in the core regions. Since its inception in 2006, JAVYS has supported a range of projects in various spheres of social life. In the past year it has helped 168 entities with a sum of more than €130,475.

We will continue in intensive cooperation with the representatives of local authorities, professional organizations and civil intelligence committees. I believe that our common goal will be the economic prosperity and quality living standard of the population in core regions.

Ing. Peter Čižnár,
Chairman of the Board and CEO



Implementation of the BIDSF project D1.2 Dismantling of the Technical Equipment in the V1 NPP Turbine Hall







**COMPANY BODIES ORGANIZATIONAL STRUCTURE AND HUMAN RESOURCES CERTIFIED ACTIVITIES YEAR IN BRIEF** 

# **COMPANY BODIES**

# ORGANIZATIONAL STRUCTURE AND HUMAN RESOURCES

#### THE BOARD OF DIRECTORS OF JAVYS

#### Chairman

Ing. Peter Čižnár

#### Vice-Chairman

Ing. Miroslav Obert (until 30 September 2014) Ing. Anton Masár (from 27 October 2014)

#### Members

Ing. Anton Masár (until 26 October 2014)

Ing. Ján Horváth

Ing. Miroslav Božik, PhD. (from 1 December 2014)

#### THE SUPERVISORY BOARD OF JAVYS

#### Chairman

RNDr. Ing. Pavol Švec, CSc.

#### Members

Ing. Rastislav Sedmák

Ing. Marian Zimmermann

Ing. Juraj Homola (until 12 February 2014)

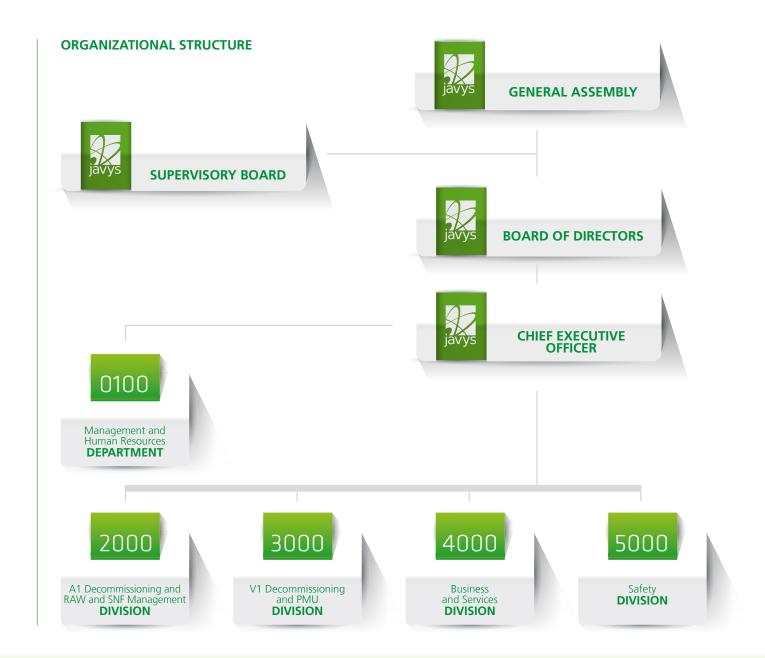
Ing. Miroslav Obert (from 1 October 2014)

JUDr. Jozef Červenka

Ing. Daniel Vašina

Mgr. Helena Hlubíková

RNDr. Roman Jakubec



## **CERTIFIED ACTIVITIES**

#### **HUMAN RESOURCES**

On 31 December 2014, JAVYS had **818** employees, which are 5 more employees compared to the number of employees in the same period last year.

Employee structure		
	On 31 December 2014	Share in %
Workers	153	18.70
Technical and administrative staff	665	81.30
Total	818	100.00

Employee structure by education				
	On 31 December 2014	Share in %		
Elementary	1	0.12		
Secondary	496	60.64		
Higher	321	39.24		
Total	818	100.00		

### Training and education of employees

The qualified personnel are a valuable asset of the company and bring about the improvement and streamline of activities. The Integrated Management System Guideline defined the Policy of JAVYS' Professional Staff Training, where the main objective is stated: Prepare and maintain competent staff to provide the safe, reliable, environmental and economic operation of the company's nuclear installations in the spirit of safety culture principles and ALARA principles.

This objective was successfully fulfilled. The JAVYS nuclear facilities were operated by competent personnel who ensured a safe, reliable, environmentally friendly and economical operation without a major negative impact on nuclear safety.

Activities in the field of staff education and training were monitored by the state supervision bodies in accordance with Act No. 541/2004 Coll. (Atomic Act) and Decree No. 52/2006 Coll. on Professional Competence, as amended by Decree No. 34/2012 Coll.

In connection with the change in the organizational structure on 1 January 2014, The System of Professional Staff Training has been revised, and professional staff training was implemented in terms of the documentation approved by the NRA SR. Training and education in professional activities has been provided in terms of the efficient and safe performance of work activities for the decommissioning of nuclear installations A1 NPP and V1 NPP and the operation of nuclear installations TPT RAW, ISFS, FT LRAW and NRAWR.

All the conditions relating to professional staff training were met in connection with the transition of V1 NPP to the 2nd decommissioning phase and within the preparation of the permitting documentation. JAVYS declared to the Nuclear Regulatory Authority that it has secure qualified and competent personnel for the activities in the 2nd decommissioning phase of the V1 NPP.

Trainings, courses and seminars above the legislation were provided for the growth of the professional level of employees. Educational activities aimed at the decommissioning of nuclear facilities or a change in Slovak legislation were preferred.

By obtaining the internationally recognized certificates under standards ISO 9001, 14001 and OHSAS 18001 in 2012, JA-VYS strengthened its position in the national and international labor market.

Certificates issued by the certification company Det Norske Veritas confirmed that the process control management systems for quality, environmental management, and occupational health and safety meet the high standards and requirements of these international standards.

During the periodic audit, which took place from 26 to 28 November 2014, auditors verified the application of JAVYS' integrated management system with the requirements of standards ISO 9001, ISO 14001 and OHSAS 18001. The company once again ensured the validity of certificates in the field of Nuclear Facility Decommissioning and Radioactive Waste and Spent Nuclear Fuel Management.

JAVYS has also introduced a certified management system in accordance with ISO/IEC 2000-1:2011 for IT – Management Services for Non-Technological Information Systems.

The consistent fulfillment of the requirements of the applied integrated management system has an undoubtedly positive impact on increasing the safety culture in JAVYS.

### YEAR IN BRIEF

JAVYS expanded its activities to the field of fresh nuclear fuel transports. The first important step in the nuclear services segment was the participation of specialists in the successful transport of fresh nuclear fuel from the territory of Ukraine to the V2 nuclear power plants in Jaslovské Bohunice. 72 units of fresh nuclear fuel were transported by rail in a special consignment, intended for refueling in the 2nd block reactor of the V2 NPP.

**On 24 January**, JAVYS was visited by the general director of the VARANS Vietnam Agency for Radiation and Nuclear Safety, Vuong Huu Tan, together with representatives of the Vietnamese embassy and the private sector. Visitors expressed interest in the activities related to the preparation of construction plans for the nuclear power plant, including the planned construction of the nuclear infrastructure necessary for the nuclear power plant's operation.

**On 11 February**, within the third consultation day, the mayors of the affected municipalities and other participants were informed about the ongoing process of the environmental impact assessment of the BIDSF B6.7 project: Environmental Impact Assessment Report of the 2nd phase of the V1 NPP's Decommissioning.

**On 21 February**, consultations and a public hearing on evaluation of the BIDSF C7-A3 project: Construction of new V1 NPP mass fragmentation and decontamination equipment took place in Budapest, along with a public hearing on the assessment of the Final Processing of the Liquid RAW nuclear facility. The consultations helped to clarify a number of the participants' questions and to reduce discordant attitudes submitted under the commenting documentation pursuant to Act No. 24/2006 Coll.

**On 3 March**, joint public hearing regarding the assessment reports on the effects of the BIDFS B6.7 project: Environmental Impact Assessment Report for the 2nd Phase of V1 NPP's Decommissioning and of the nuclear Technology for the Processing and Treatment of RAW at the Jaslovské Bohunice site took place at the House of Culture in Pečeňady. The discussion was attended by representatives of JAVYS management, the report processors, mayors and residents of affected villages.

**On 19 March**, JAVYS carried out the transport of spent fuel from NPP Mochovce, operated by Slovenské elektrárne, to the interim storage of spent nuclear fuel in Jaslovské Bohunice. Under strict security measures it transported 144 fuel units by rail in 3 special containers.

**On 16 and 24 April**, JAVYS transported spent fuel from V2 NPP, operated by Slovenské elektrárne, to the interim storage of spent fuel. Transport inside the complex was carried out under strict safety measures in special containers, in which 79 fuel units were placed.

On 20 and 21 May, the representatives of the European Commission, Marcel Rehák and Mark van Gampelaere, verified the state and development of BIDSF projects as part of regular monitoring. They checked the current situation of the implemented projects in the V1 power plant and adjacent buildings and premises.

**On 5 and 12 June**, JAVYS carried out shipments of spent fuel from V2 NPP to interim spent fuel storage. 88 fuel units were transported in special containers under strict security measures.

**On 23 June**, a joint public hearing on the assessment report for the Metal Radioactive Waste Remelting Facility at the Jaslovské Bohunice site was held at the House of Culture in Nižná. JAVYS representatives presented the planned activities and answered the guestions of mayors and village inhabitants about the project.

**On 1 July**, the first fiber-concrete container with processed and treated radioactive waste was deposited into the second double-row of storage boxes at the National Repository in Mochovce, which ensured continuity in the transition to container storage from the first to the second double-row of storage boxes.

**On 16 and 17 July**, an audit of the European Bank for Reconstruction and Development was held. It focused on compliance with the Bank's environmental and social policies in implementing the BIDSF projects in the decommissioned V1 NPP.

**On 21 July**, JAVYS representatives informed the mayors of surrounding villages about upcoming activities relating to the completion of spent nuclear fuel storage facilities in Jaslovské Bohunice.

**On 22 July**, consultations and a public hearing regarding the assessment report on the activities of the Technology for the Processing and Treatment of RAW at the Jaslovské Bohunice Site nuclear installation took place in Budapest. Part of the consultation was to present the environmental impact assessment report of the proposed activity.

**On 9 September**, a regular wide-area emergency exercise called Tis 2014 was held at JAVYS Jaslovské Bohunice. Its aim was to test the activity and preparedness of individual professional units of the Emergency Response Organization in case of an emergency.

**On 2 October**, Ing. Peter Čižnár, Chairman and CEO of JAVYS, received a commemorative medal of the Trnava municipal region for energy development and the promotion of culture, sport and employment in the Trnava region.

**On 22 and 23 October**, the representatives of the European Commission, Marcel Rehák, Leszek Guisset and Gianfranco Brunetti, verified the progression state of each BIDSF project in JAVYS as part of regular monitoring.

On 10 to 14 November, participants of the international course received knowledge in the management of large-size components with complex geometry of the surface, organized by JAVYS at the Jaslovské Bohunice site in cooperation with the International Atomic Energy Agency. It was attended by experts from Ukraine, Lithuania, Russia, Bulgaria, Slovakia and the IAEA representatives.

On 26 to 28 November, representatives of the certification company Det Norske Veritas focused mainly on determining the compliance of various management systems with the given standards within the second periodical audit. At the same time they assessed the effectiveness of applied management systems and the company's process management in terms of quality assurance, environmental protection and occupational health and safety. They also verified compliance with relevant laws, regulations, contractual terms and set company goals.

**On 3 December**, Financial Directorate of the SR granted JAVYS an award for the highest paid income tax on all companies registered with the tax authorities, as well as within the Tax Office for Selected Taxpayers in the Bratislava Region.

In 2014, based on "The Invitation for the Disposal of Radioactive Material of Unknown Origin" from the competent Slovak authorities, JAVYS experts dealt with 12 cases of radioactive sources. These mainly included parts of agricultural and military equipment, a safe deposit box and a fire detector.





## **DECOMMISSIONING OF NUCLEAR FACILITIES**

#### V1 NUCLEAR POWER PLANT

The decommissioning of the V1 nuclear power plant (NPP) is scheduled from 20 July 2011 in two stages, with a completion date on 31 December 2025. The aim of the V1 NPP's decommissioning is to achieve the exclusion of the nuclear installation from the scope of the Atomic Act by dismantling the equipment, the demolition of buildings, waste management from the decommissioning of V1 NPP, including the treatment and safe disposal of radioactive waste (RAW) in the National RAW Repository Mochovce, and safe storage of RAW in the Interim Storage at the Jaslovské Bohunice site. The V1 NPP location will be freed for non-nuclear industrial use after the completion of decommissioning.

The main activities of the V1 NPP's decommissioning in 2014:

- reinsurance and disconnecting of systems
- implementation of projects dismantling of unnecessary uncontaminated equipment and systems
- management of conventional and hazardous waste
- implementation of projects design changes and the modifications of equipment and systems used in the context of the V1 NPP's decommissioning
- further processing of historic radioactive waste
- preparation and obtaining of the license documentation for the V1 NPP's 2nd decommissioning stage
- preparation of technical and tender documentation for the V1 NPP's 2nd decommissioning stage projects
- construction of storage facilities for the storage of materials from the V1 NPP's decommissioning
- building of the infrastructure for the V1 NPP's 2nd decommissioning stage (installation of fragmentation and decontamination equipment, introduction of a single computer system, etc.).

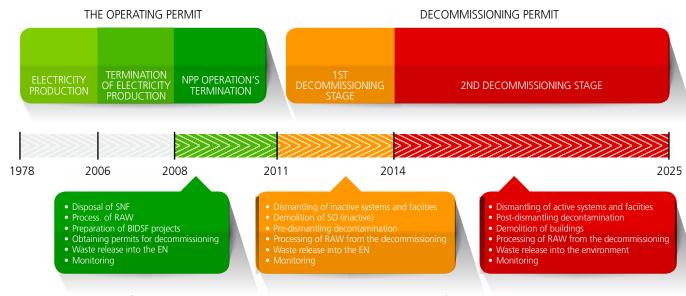
Part of the planned activities was also to obtain the NRA SR authorization for the V1 NPP's 2nd decommissioning stage, which will allow continuous transition to the second stage of V1 NPP's decommissioning immediately after completing the 1st stage on 31 December 2014.

The key task in the first half of 2014 was the finalization of license documentation to obtain a permit from the NRA SR for the V1 NPP's 2nd decommissioning stage. This documentation has been prepared within the BIDSF B6.5 projects: the Plan for the V1 NPP's 2nd decommissioning stage and permitting documentation, and B6.7: Environmental Impact Assessment Report of V1 NPP's 2nd decommissioning stage. The documentation identifies and describes the activities and decommissioning techniques in the V1 NPP area necessary to achieve the exemption of the V1 NPP from the scope of the Atomic Act in accordance with the requirements of the relevant supervisory authorities. An application for the issuance of the Permit for the V1 NPP's 2nd decommissioning stage was sent to NRA SR in late June 2014. The NRA SR issued a permit for JAVYS for the 2nd stage of the V1 nuclear facility's decommissioning by issuing Decision No. 900/2014 dated 23 December 2014.

In connection with the project management of the V1 NPP's decommissioning as required by the European Union and in accordance with Council Regulation (EURATOM) No. 1368/2013 of 13 December 2013, JAVYS further successfully developed and approved the following documents during 2014:

- a. strategic document "A Detailed V1 NPP Decommissioning Plan". This document identified activities, expected results, the corresponding performance indicators and milestones to allow the tracking of activities during the V1 NPP's decommissioning. The document also provided the cost estimate that reflects the actual costs incurred to date for decommissioning and updated estimates of future costs for ongoing projects and projects whose implementation is expected in the future
- b. periodic **Work Programme Bohunice Programme 2015** document. The document contains objectives, expected results, performance indicators and a timetable for the drawing of finances during 2015. The document is the basis for the European Commission to monitor and subsequently report the progress of the V1 NPP's decommissioning on an annual basis.

### V1 NPP Decommissioning plan



During 2014, activities of the V1 NPP's decommissioning were carried out under the Plan for the 1st Decommissioning Stage, in accordance with the NRA SR decision for the Permit for the V1 NPP's 1st Decommissioning Stage No. 400/2011.

In May and October 2014, regular visits of the European Commission representatives were held in JAVYS to monitor the progress of the V1 NPP's decommissioning.

In July 2014, international Environmental and Social Audit took place in JAVYS in connection with the financing of the V1 NPP's decommissioning activities from public funds – EU sources. The audit was organized by the European Bank for Reconstruction and Development (EBRD) in its role as the BIDSF fund administrator. Following its own inspection visit and the audit trail, as well as its conclusions, EBRD commended JAVYS for the exemplary performance of activities for which it is responsible for, professional auditing security and responsible approach to the safety of workers and their working environment, as well as the environment in general.

For this reason, the final audit report states: "... JAVYS has developed and implemented an appropriate environmental, health safety and social management system that provides the highest levels of protection and provides the proper system of ensuring environmental, health, safety and social requirements. ... All JAVYS' activities are performed in accordance with the highest standards of health and safety issued by the EU and the SR NRA ...".<sup>1)</sup>

# BOHUNICE INTERNATIONAL DECOMMISSIONING SUPPORT FUND BIDSF

The V1 NPP decommissioning activities are largely financed by the V1 NPP Bohunice International Decommissioning Support Fund (BIDSF). Funds from BIDSF for the implementation of individual projects for the V1 NPP's decommissioning are drawn on the basis of grant agreements concluded between JAVYS and the European Bank for Reconstruction and Development (EBRD). The actual signing of the agreement is preceded by the preparation of projects when JAVYS first identifies the individual projects as a help beneficiary from the BIDSF, suggests ways of their technical implementation and financing, presents them to the Joint Committee of the SR and EBRD, and ultimately advocates them through the national coordinator (ME SR) at a meeting of the BIDSF Contributors Assembly, which is held twice a year.

# Project awarded a grant by the Assembly of Contributors to BIDSF in 2014:

- **D4.2** Dismantling of large primary circuit components
- **C7-A4** Metal RAW remelting facility
- **D0** Implementation of the decommissioning program using the human resources available at the V1 NPP Bohunice (Project 8 for the period of the 1st half of 2015)
- **A1.7** PMU consultant services.

In financial terms, the awarded grants for the respective four BIDSF projects represented a cumulative amount of €84.9 mil.

Towards the end of 2014, JAVYS signed 18 grant agreements with EBRD for the financing of the V1 NPP decommissioning projects from the BIDSF totaling €445.61 million. From this number, 5 grant agreements have been completed so far.

Based on the Implementing Decision (the financial decision) to Council Regulation No. 1368/2013, €30.32 million (out of €225 mil.) were allocated for the EBRD's implementing body in 2014 from the second financial perspective. These funds will be allocated to the account of EBRD only upon the signing of the Delegation Agreement between the European Commission and the EBRD in 2015.

### Costs and resources to cover the decommissioning of the V1 NPP for the period 7/2011 - 2014 (€)

	2011	2012	2013	2014	Total
Total costs (operating and investment)	26,070,182	46,307,673	44,523,089	67,078,417	183,979,361
Coverage resources					
NNF including depreciation	7,835,280	7,868,682	17,556,993	19,482,985	52,743,940
BIDSF including D0 and depreciation	10,936,129	25,448,338	25,774,314	46,605,562	108,764,343
JAVYS	7,298,773	12,990,653	1,191,782	989,870	22,471,078
Total resources	26,070,182	46,307,673	44,523,089	67,078,417	183,979,361
from Slovak sources					75,215,018
% of funding for the V1's decommissioning from Slovak sources					40.88%

<sup>1)</sup> Environmental and Social Assessment and Analysis – Report, European Bank for Reconstruction and Development, September 2014

# In 2014, contracts were concluded for the following BIDSF projects:

**A1.7** Stage 7 of PMU consultant's services

**C8** Interim storage of RAW at the Bohunice site

**C15-A** A single computer system for the logistics of decommissioning

**D3.1A** Dismantling and demolition of external V1 NPP structures – Stage 1

**D3.4** Dismantling of diesel generators

The financial volume of concluded contracts for these BIDSF projects represents a cumulative amount of €18.85 million. These projects will be implemented continuously until the end of 2018. All contracts were concluded based on the result of the tender procedures implemented under the EBRD procurement rules.

#### **IMPLEMENTATION OF BIDSF PROJECTS IN 2014**

### Projects in implementation during 2014

Project acronym	Project name	Implementation from - to
A1.6	PMU consultant (Stage 6)	08/2012 - 12/2014
АЗ-А	Upgrading of physical protection system in the area of AKOBOJE power plant	05/2011 – 03/2015
A5-A2	Changing the scheme of the JAVYS power supply after the final shutdown of V1 NPP	11/2011 – 03/2015
A6-B8	PMU administrative building/information center for the decommissioning of the V1 NPP02/2011 -	12/2011 – 05/2014
A6.B8/1	Facilities for the PMU administrative building and information center for the decommissioning of the V1 NPP	08/2013 – 03/2014
A6.B8/2	Promotional equipment of the information center for the decommissioning of the V1 NPP	08/2013 – 06/2014
B6.5	The plan of the second stage of the V1 NPP's decommissioning and permissive documentation	06/2013 – 12/2014
B6.7	Environmental Impact Assessment Report of the V1 NPP's 2nd decommissioning stage	09/2012 – 07/2014
B7.2	Training of personnel for the purpose of the V1 NPP's decommissioning – 1st stage	09/2013 – 04/2015
C7-A2	Increase in the capacity of existing fragmentation and decontamination facilities	06/2011 – 09/2014
C7-A3	Construction of a new V1 NPP mass fragmentation and decontamination equipment	02/2012 – 01/2015
C7-B	Processing of historical waste – sludge and sorbents	<u> 05/2012 – 05/2015</u>
C8	Interim storage of RAW at the Bohunice site	<u>01/2014 – 09/2017</u>
C12.1	Laboratory equipment needed for the V1 NPP's decommissioning process	<u>09/2013 – 04/2014</u>
C15-A	Single computer system for the logistics of decommissioning	<u> 09/2014 – 05/2018</u>
C15-B	Transport and packaging means for the V1 NPP's decommissioning – 1st stage	10/2013 – 02/2015
C16.1	Adjustment of storage space	02/2013 – 02/2015
C17.1	Adjustment of buildings – creating space for the centre of technical documentation	02/2013 – 04/2015
D0	The implementation of the decommissioning program using the human resources available at the V1 NPP Bohunice	07/2008 – 12/2014
D1.2	Dismantling of the V1 NPP engine room equipment	05/2013 – 08/2015
D2	Decontamination of the primary circuit	01/2013 – 03/2015
D3.1A	Dismantling and demolition of external V1 NPP structures – Stage 1	06/2014 – 06/2015
D3.2	Dismantling of external non-contaminated equipment and objects	05/2013 – 07/2014
D3.3	Dismantling of power supply systems	07/2013 – 07/2015
D3.4	Dismantling of diesel generators	05/2014 – 09/2015

### **Projects finished in 2014**

Project acronym	Project name	Implementation from - to
A6/B8	PMU administrative building/Information center for the decommissioning of the V1 NPP	12/2011 – 05/2014
A6.B8/1	Equipment for the PMU administrative building/Information center for the decommissioning of the V1 NPP	08/2013 – 03/2014
A6.B8/2	Promotional equipment of the information center for the decommissioning of the V1 NPP	08/2013 - 06/2014
B6.5	The plan of the second stage of the V1 NPP's decommissioning and permissive documentation	06/2013 – 12/2014
B6.7	Environmental Impact Assessment Report of the V1 NPP's 2nd decommissioning stage	09/2012 - 07/2014
C7-A2	Increase in the capacity of existing fragmentation and decontamination facilities	06/2011 – 09/2014
C12.1	Laboratory equipment needed for the V1 NPP's decommissioning process	09/2013 – 04/2014
D3.2	Dismantling of external non-contaminated equipment and structures	05/2013 – 07/2014

By 31 December 2014, a total of 33% of the work on the V1 NPP decommissioning project was completed or in a state of implementation, fully in line with the V1 NPP decommissioning plan.

#### A1 NUCLEAR POWER PLANT

A1 NPP's decommissioning is carried out in a continuous variation, broken down into five stages, with the planned completion of the A1 NPP's decommissioning in 2033. Currently the 2nd decommissioning phase of this plant is underway, set for the period 2009 to 2016.

### A1 NPP decommissioning plan

In 2014, work directed at increasing the levels of the radiation-safe condition of the wrecked A1 NPP and reducing the risk of its effect on the operating personnel and the environment was performed within the 2nd A1 NPP decommissioning stage. Through the continuous lowering of the radioactivity decontamination inventory and the dismantling of unoperated technological equipment, the structural parts of the A1 NPP's decommissioned facilities and continuous processing of historical operating RAW, JAVYS successfully fulfilled the 2014 legislative requirements for the 2nd A1 NPP decommissioning phase with positive socio-environmental and safety-economic terms.

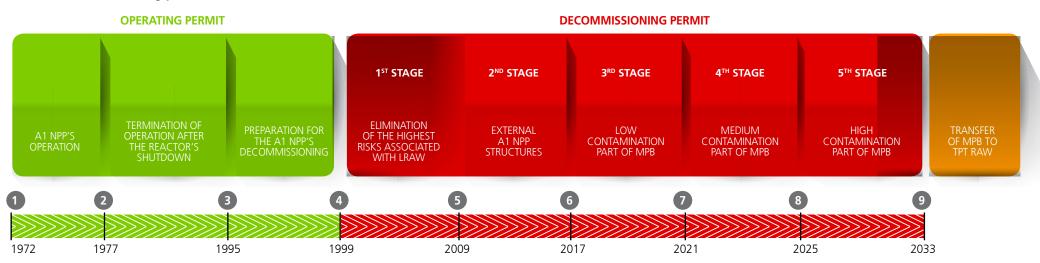
In this regard, activities were carried out in 2014 aimed at:

- decommissioning of technological equipment and building units of CO<sub>2</sub> gas management external structures, active water purification plant, liquid RAW storage, solid RAW and arched hall storage, active pipe channels and low radioactive sludge storage
- processing of liquid RAW from the external tanks of the A1 NPP facilities and decommissioning of single-barrier external tanks
- decommissioning of technological equipment in the main reactor block in the range of decontamination and the dismantling of heavy water equipment and charging machinery, the revising and supplementing of spent nuclear fuel coolant vitrification lines, continuously tackling the issue of decommissioning the A1 NPP's spent nuclear fuel long-term storage in the range of completing the priority transfer of bottom sediments from the single skin pool of long-term storage into the double skin tank
- disposal of contaminated soil and concrete through their remediation, sorting and preparation for storage in the repository of very low contaminated waste
- project preparation and the start of construction of the repository for very low activity waste at NRAWR Mochovce

- monitor the impact of the A1 NPP's decommissioning on the environment, including the monitoring and remediation pumping of groundwater
- the trimming of long-term storage casings in the workplace and cutting of caskets at the long-term storage using fixed chrompik on the fuel treatment facility
- pretreatment of RAW from the A1 NPP's decommissioning into a form acceptable for process technologies, certified RAW warehouses, and storable in NRAWR Mochovce
- the combustion of solid and liquid RA
- RAW compression using high-pressure press
- treatment of contaminated electrical cables
- fragmentation and decontamination of RAW
- processing of liquid RAW at the cleaning station
- treatment of HVAC filters
- RAW treatment by cementation into fiber-concrete containers.

The established plan of activities for 2014 regarding the A1 NPP's decommissioning, including treatment of RAW from the A1 NPP's decommissioning, was met in full.

### A1 NPP decommissioning plan













MANAGEMENT OF RADIOACTIVE WASTE
SPENT NUCLEAR FUEL MANAGEMENT
SAFETY

## MANAGEMENT OF RADIOACTIVE WASTE

Individual activities within the process of dealing with radioactive waste (RAW) were implemented in the following nuclear facilities of the company under the conditions of nuclear safety, radiation protection and environmental protection::

- **TPT RAW** Technology for the processing and treatment of RAW Bohunice
- **FT LRAW** Final processing of liquid RAW in Mochovce
- NRAWR The National Repository of RAW in Mochovce

#### PROCESSING AND TREATMENT OF RAW

Implementation of the A1 NPP decommissioning process itself, the V1 NPP's decommissioning, the release of the radioactive waste inventory from the operation of the V2 NPP and EMO 1,2 blocks operated by Slovenské elektrárne, a.s., as well as the disposal of radioactive waste from non-nuclear facilities is crucial for the nuclear facility Technology for the Processing and Treatment of RAW Bohunice. It consists of the Bohunice RAW Treatment Centre (BTC RAW), bituminisation lines technology, low-activity water purification plant, technology for the sorting, fragmentation and decontamination of metal radioactive materials and processing technology for the used ventilation filters and used electrical cables.

Technologies for the processing of radioactive concentrates and saturated ion exchangers from the EMO 1,2 operation are operated in the Final Treatment of the Liquid RAW (FT LRAW) nuclear facility in Mochovce.

Processed low-level RAW are subsequently inserted in the TPT RAW and FT LRAW nuclear installations, and treated through cementation into fiber-concrete containers and transported to the National Repository of RAW in Mochovce. In 2014, 304 fiber-concrete containers were cemented in TPT RAW and 106 in FT LRAW.

### The amount of processed RAW

Nuclear facility	Type of RAW	Total	Measuring unit
	Combustible SRAW	74,281	t
	Combustible LRAW	7,794	m³
TDT D AVA/	Compactable RAW	290,174	t
TPT RAW	Metal RAW	208,057	t
	Liquid RAW	281,63	m³
	Used air filters	14,787	t
	Liquid RAW	105,859	m³
FT LRAW	Saturated ionexes	26,000	m³

#### **\TRANSPORTS OF RAW**

During 2014, 502 shipments of RAW were carried out in certified overpacks: 200l Meva barrel, ISO container, PK I / DOW, PK II/SLUDGES, PK III/BARRELS, PK/SK and FCC shipping containers.

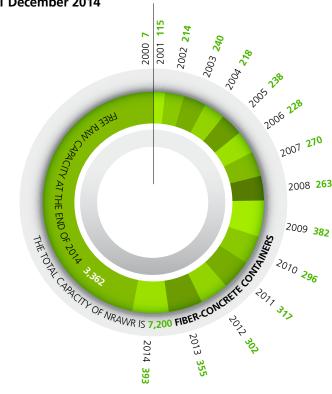
#### **STORAGE OF RAW**

For the final disposal of low-level treated RAW generated during the operation and decommissioning of nuclear installations in the SR, as well as institutional RAW and CRAM we use the National Radioactive Waste Repository nuclear facility in Mochovce. The fiber-concrete containers filled with cemented RAW are stored in this repository, which are then transported from the RAW FT and TPT LRAW nuclear installations. The first double-row was filled during 2014 and then the second double-row of storage boxes for FCC at NRAWR Mochovce was put into operation.

### Transport of FCC to NRAWR in 2014

Activity	BTC RAW	FT LRAW	Total 2014
Number of FCC stored in NRAWR	280	113	393

Overview of ongoing filling of NRAWR by 31 December 2014



#### MANAGEMENT OF IRAW AND CRAM

JAVYS is an authorized organization for handling sources and radioactive waste of unknown origin, disused sources and radioactive materials. 12 seizures of radioactive sources of unknown origin were realized in 2014, which represented mainly agricultural and military equipment, parts of piping with precipitated radioactive stone, and safe-deposit lining. In terms of their contamination, primarily the <sup>60</sup>Co and <sup>238</sup>U-rad radionuclides were measured.

## SPENT NUCLEAR FUEL MANAGEMENT

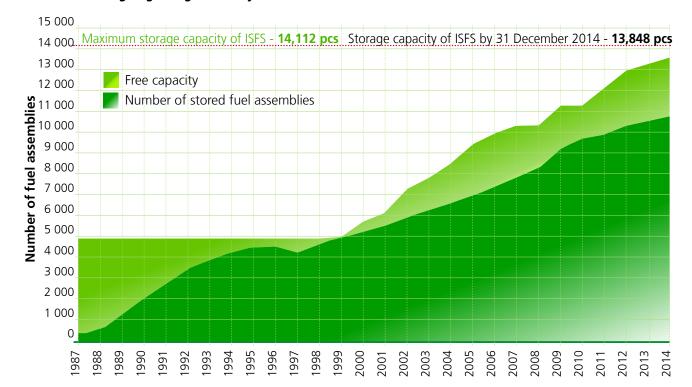
Spent fuel from the Slovak nuclear power plants has long been stored at the Bohunice Interim Spent Fuel Storage nuclear facility.

### Transport of spent nuclear fuel 2014

Spent nuclear fuel	V2 NPP SE, a.s.	EMO 1,2 SE, a.s.	Total 2014
Number of transports	4	3	7
The quantity of fuel units	167	144	311

In 2014, spent nuclear fuel was stored in three storage pools incKZ-48 and T-13 containers. The fourth pool served as a reserve pool. A total of 11,285 fuel units were stored in ISFS by 31 December 2014.

### Overview of ongoing filling of ISFS by 31 December 2014



### **SAFETY**

#### **NUCLEAR SAFETY**

Compliance with the requirements of nuclear safety is a priority of JAVYS. It is declared in the policy and objectives, which are among the top documents of the integrated management system.

Nuclear safety requirements were provided for all the nuclear facilities the company operates in Jaslovské Bohunice and Mochovce. The nuclear facilities were operated during 2014 in accordance with the valid and current security documentation approved by the Slovak supervisory bodies, without breaking the limits and conditions for their safe operation or decommissioning. The safety assessment of JAVYS' nuclear facilities was carried out at prescribed intervals through operational safety indicators. The achieved evaluation confirmed the professional work of staff and the high reliability of technological devices.

Periodic safety assessment was carried out on the NF V1 NPP after the first decommissioning phase in accordance with NRA SR Decree No. 33/2012 Coll. The aim of the evaluation was to compare the goals of nuclear safety at the V1 NPP nuclear facility with current nuclear safety requirements and good practice. The final evaluation "Reports on periodic nuclear safety assessment after the first phase of the V1 NPP's decommissioning" has shown that the requirements for nuclear safety are ensured even for NF V1 NPP's 2nd decommissioning stage.

In 2014, the fulfilled corrective actions were identified during periodic nuclear safety assessment, through which the NRA SR conditions the operation of nuclear installations V1 NPP, ISFS and NRAWR.

Documentation was prepared and an application for the permit for NF V1 NPP's 2nd decommissioning stage was sent to the NRA SR in accordance with the legislative requirements. NRA SR issued Decision No. 900/2014 dated 23 December 2014 with the approval of the NF V1 NPP's 2nd decommissioning stage.

A new edition of the pre-operational safety report 12-BSP-001 for NF NRAWR in Mochovce, Issue no. 2 was approved for the

operation of NF NRAWR, which declares the compliance of the condition and design of second double-row storage structures with the "Commissioning of the second NRAWR double-row" project a demonstration of maintaining the safety of NF NRAWR even after the implementation of changes induced by this project.

Given the low number of operating events that have an impact on nuclear safety, 2014 can be evaluated as very positive. All operating incidents were minor in nature. 8 operational events were registered, from which none was subject to any notification to regulatory authorities under the Atomic Act. According to the international scale for the assessment of events at the INES nuclear facilities, all events were classified as without safety significance (outside the INES scale).

NRA SR inspectors performed a total of 41 inspections during 2014. From that:

- inspections were aimed at supporting activities for NF JAVYS
- 6 inspections at V1 NPP
- 6 inspections at A1 NPP
- 2 inspections at TPT RAW
- 4 inspections at ISFS
- 2 inspections at FT LRAW
- 6 inspections at NRAWR

The IAEA inspectors made one unannounced inspection at the ISFS in 2014, three physical inventories of nuclear material balance at the V1 NPP, A1 NPP and ISFS in cooperation with the Euratom inspectors, and 1 inspection of the A1's decommissioning.

NRA SR issued a total of 86 decisions for JAVYS in 2014. Through Decision No. 900/2014, NRA SR issued a permit for **the 2nd decommissioning phase of the NF V1 NPP** in Jaslovské Bohunice in the extent set out in the "Plan for the V1 NPP's 2nd decommissioning phase". The decision is also the authorization for the disposal of RAW in NF V1 NPP to the extent set out in the "Plan for the loading and transport of RAW from the 2nd decommissioning phase" and the treatment of NM in NF V1 NPP to the extent set out in "Appendix 2 P5-1 of the Plan for the V1 NPP's 2nd decommissioning phase".

#### **RADIATION PROTECTION**

All important activities in terms of radiation protection are subject to the optimization of doses under current Slovak law and JAVYS' internal quality assurance system before their approval, during implementation and after their completion.

Systematic monitoring of the work environment's radiation characteristics, operational and official monitoring of the accepted doses and simultaneously the monitoring of compliance with rules on radiation protection and the ALARA principle in the conduct of activities were also carried out in the working environment of controlled zones within JAVYS's nuclear facilities in 2014.

One of the strictly monitored indicators of the radiation protection level of persons working in JAVYS' controlled zones is the maximum individual effective dose, which did not exceed the set annual limits (50 mSv).

The control activities in the field of radiation protection were carried out by the Office for Public Health of the SR. Within the inspections in the V1 NPP it focused particularly on the implementation of the

first decommissioning stage projects and preparation of projects for the second stage of decommissioning. At the same time, it also verified compliance with the rules of radiation protection in controlled zones and the release system of materials from under administrative control. Inspections at the TPT RAW, A1 NPP and ISFS nuclear facilities related primarily to the inspection of the state of the upcoming applications and the assessment of the facts declared in the work programs, which were discussed by the ALARA commission and forwarded to the PHA SR for approval. During inspections in NRAWR and FT LRAW, PHA SR evaluated the machinery calibration, inputs, and the controlled zone mode.

Inspection of the operation's impact on the population's radiation exposure is monitored by JAVYS through the Radiation Monitoring Laboratory in Trnava and Levice, belonging to Slovenské elektrárne. The laboratories monitor the surroundings using the network of monitoring stations connected to three circuits in the vicinity of the nuclear facilities and laboratory measurements of environmental samples. The results of sample measurements and analysis of almost 2,000 samples of air, soil, water, vegetation and agricultural products within one year show a minimal environmental impact of the operating and decommissioned nuclear installations in Jaslovské Bohunice

## The maximum individual effective dose E (mSv) in 2014

JAVYS	KP-A	% of the limit	KP-V	% of the limit	KP-U	% of the limit
JAVYS employees	8.962	17.92	0.501	1.00	2.179	4.36
Suppliers	11.347	22.69	9.252	18.50	0.337	0.67

#### **Explanations:**

KP-A controlled zones in the structures of the decommissioned A1 NPP and structures with technology for RAW processing and disposal of spent nuclear fuel at Jaslovské Bohunice

KP-V controlled zone of the decommissioned V1 NPP Jaslovské Bohunice

KP-U NRAWR and FT LRAW Mochovce controlled zone

and Mochovce. The impact assessment of the operation on the dosage load on the population is quarterly performed by JAVYS on an ongoing basis through a special program. The program, approved by the national supervisory authority of PHA SR, applies internationally accepted models of radioactive substance spreading, taking into account the local conditions and using current statistics. The program is entered by all gaseous and liquid discharges from JAVYS's nuclear facilities, along with the real meteorological situation. The maximum calculated values of individual effective dose E for 2014 are at 0.04% of the annual exposure limit for a representative individual from the population in the populated area, and at 0.06% in the uninhabited zone. Absolute values of individual effective doses are at a level much lower than the radiation exposure of the population caused by the natural background radiation and medical diagnostic tests.

#### **OCCUPATIONAL SAFETY AND HEALTH**

Occupational safety and health are ensured in JAVYS in accordance with the requirements of the Labor Code, the Act on Occupational Safety and Health, and the internal company regulations.

In 2014, 2 registered occupational injuries were recorded. Six accidents in connection to JAVYS employees were also recorded. These accidents did not require a disability leave.

The company, in collaboration with the occupational health service provider, develops the assessment of hazards, threats and risks arising from the work process and working environment, and uses it to propose corrective measures. The company has identified 15 hazardous workplaces with x ionizing radiation, noise, vibration and aerosols risk factors. 630 employees were working at these workplaces, out of which 63 were women. Employees at hazardous workplaces receive special care. They are supervised by occupational health service that monitors and evaluates their health and medical fitness in relation to work.

During 2014, IP Nitra inspectors conducted one inspection in JAVYS, a.s. focused on compliance with legislative requirements on OSH.

In 2014, JAVYS defended its internationally recognized certificate in occupational health and safety management. By defending the certified management system of occupational health and safety OHSAS 18001, it has shown that safety has the highest priority during the operation and decommissioning of nuclear installations as well as the management of radioactive waste.

#### FIRE PROTECTION

No fire was recorded in JAVYS in 2014.

The tasks in the field of fire protection are provided in JAVYS by persons with technical competence – fire protection technicians.

In 2014, fire protection technicians conducted 510 preventive fire inspections that focused on compliance with fire regulations in all the company structures.

Increased attention to OSH and FP was dedicated to structures undergoing the dismantling of technological units and removal of buildings.

#### **EMERGENCY PLANNING**

Within the requirements of the Atomic Act and legislation belonging to emergency planning, a separate emergency response organization was created in JAVYS, headed by JAVYS' emergency commissions, competent for dealing with the events at all JAVYS' nuclear installations at the Jaslovské Bohunice site. In 2014, work shift personnel emergency exercise was regularly performed at all nuclear installations (together 32 work shift emergency exercises). The ORION emergency exercise was carried out in 2014 to practice an emergency transport order, aimed at practicing the procedures during the transportation of FCC in the area of the nuclear installation.

The state of JAVYS' emergency preparedness at Jaslovské Bohunice was verified by wide-area emergency exercise TIS 2014, aimed at addressing the 2nd stage events at the NF ISFS. Within the wide-area emergency training, all JAVYS employees and persons situated on the NF JAVYS Jaslovské Bohunice premises during the exercise were involved in the exercise, including the employees of contractor organizations. According to the NRA SR evaluation, the exercise of actions was consistent with the internal emergency plan and related regulations. During the work shift emergency exercises and drills of expert groups, the emergency response organization demonstrated its functionality and there were no shortcomings.

In 2014, internal emergency plans for NF NRAWR Issue No. 1, NF FT LRAW Issue No. 1, and NF JAVYS at Bohunice Issue No. 2 were adopted based on NRA SR Decisions no. 646/2014, 651/2014 and 720/2014.

The following sizes of threat areas are currently approved for the JAVYS nuclear facilities by the Nuclear Regulatory Authority:

- a common threat area for NF V1 NPP, A1NPP, TPT RAW and ISFS Jaslovské Bohunice, defined by the guarded area barrier in NF JAVYS Jaslovské Bohunice, approved by NRA SR Decision No. 719/2014, dated 26 September 2014
- threat area for NRAWR Mochovce defined as an area bounded by the NF's border, which is defined as the barrier of guarded area, i.e., NRAWR Mochovce fence, approved by NRA SR Decision No. 98/2006, dated 22 March 2006
- threat area for FT LRAW Mochovce, defined as an area bounded by the border of the premises of NF Slovenské elektrárne, a.s., Mochovce Nuclear Power Plant, defined by the barrier of the guarded area of this NF, approved by NRA SR Decision no. 5/2007, dated 8 January 2007.

Analyses, by which threat areas were defined, showed that the operation or decommissioning of nuclear installations in Jaslovské Bohunice and Mochovce have a negligible effect on the population and the environment in the vicinity of these facilities.



Demolition of the hydrogen store within the project BIDSF D3.2 Dismantling of Outdoor Not Contaminated Facilities and Objects



## **ENVIRONMENTAL PROTECTION**

By maintaining the certified system of environmental management according to ISO 14001: 2004 "Environmental Management Systems", JAVYS meets the objectives and mission, which includes the performance of all activities with regard to environmental protection. The functionality and implementation of this system was verified on 26 to 28 November 2014 by the independent certification company Det Norske Veritas, and within the overall ISM audit it reaffirmed the validity of JAVYS' internationally recognized certificate.

Within the company the decisions issued were fulfilled or all the conditions imposed being fulfilled - mainly in the area of pollution indicators in discharged waste water and air emissions by a large margin compared to a set limit.

Within the issued decisions the company has been fulfilling all the conditions imposed – mainly in the area of the set pollution indicators in discharged waste water and air emissions with a large margin compared to a set limit. (e.g., in the CHSKCr - pollution indicator, chemical oxygen consumption by chromate, the limit of water pollution discharged into the Váh River recipient was drawn last year at 3.37% of the set balance limit and in the Ptot. indicator (total phosphorus), the pollution limit was drawn at the level of 2.4% of balance limit). All limited indicators set out for JAVYS in the decisions of the competent supervisory bodies and state authorities were complied with during 2014.

#### WATER MANAGEMENT

59,699 m³ of drinking water were consumed in 2014 (operations in Jaslovské Bohunice, Trnava, Bratislava, Mochovce). Compared to 2013, it is 24,065 m³ less, representing a reduction in consumption by 28.7%. Due to rationalization measures, cooling water consumption in 2014 fell to 268,624 m³, while in 2013 it amounted to 354,570 m³. Compared to last year, the amount of wastewater discharged into the Váh River recipient increased by 44,055 m³, which is 9.6%. The discharge of rainwater into the recipient Dudváh River in accordance with the valid decision on the release of waste water was permitted

without quantity restrictions. All control analyzes confirmed that the quality of discharged water was below the specified limits set by state and supervisory authorities.

#### **AIR PROTECTION**

JAVYS operates 8 air pollution sources in all categories – 1 large source, 3 medium-sized sources, and 4 small sources.

Total emissions released from all air pollution sources were:  $SO_2 - 0.98 \, kg$ ,  $C_{org} - 7.73 \, kg$ , particulate matter  $-40.8 \, kg$ ,  $CP - 62.42 \, kg$ , and  $NO_x - 165.66 \, kg$ . The decrease was observed in all these emissions compared to 2013. All statutory limits and conditions were complied with during 2014 within the operation of air pollution sources.

#### WASTE MANAGEMENT

The total amount of inactive waste produced in 2014 amounted to 784.53 tons, of which up to 617.53 tons were recovered, accounting for 79%. The remaining amount was disposed of. The total volume of waste was in the categories:

- other waste 695.75 tons.
- hazardous waste 11.84 tons,
- municipal and biodegradable waste 76.94 tons.

Waste production is 173.68 tons higher compared to 2013, an increase by 22%. The reason is the higher amount of recoverable metal waste released into the environment from decommissioning.

Waste management took place in 2014 in accordance with Slovak legal requirements and company's internal regulations.

#### **ENVIRONMENTAL IMPACT ASSESSMENT**

As required by the Act on Environmental Impact Assessment (Act No. 24/2006 Coll.), the following activities were carried out in 2014:

# Assessment processes finished by issuing a final opinion by ME SR:

- Construction of new V1 NPP mass fragmentation and decontamination equipment (August 2014)
- 2nd stage the V1 NPP Jaslovské Bohunice decommissioning (June 2014)
- Technologies for the processing and treatment of JAVYS' radioactive waste in Jaslovské Bohunice (November 2014)

#### Continued assessment processes for the proposed activity:

 Facility for remelting metal radioactive waste in Jaslovské Bohunice

#### Initiating the assessment process:

- Change of existing activities
- Completion of the interim storage of spent nuclear fuel in Jaslovské Bohunice

Intensive communication with representatives of the affected municipalities and the public took place during the implementation of these processes through various means (meetings, leaflets, magazine, company website, consultation meetings and public hearings).

### STRATEGIC OBJECTIVES

When fulfilling the tasks, JAVYS set strategic objectives in the following areas:

# HANDLING OF RAW AND SNF AND THE TRANSPORT OF RAW AND SNF

- **1.** To provide nuclear services to SE, a.s., ČEZ, a.s. and any other business partners in accordance with the relevant contractual obligations
- 2. Implement the activities within the loading and transport of RAW in accordance with the requirements of the smooth work progress in the decommissioning of the A1 NPP and V1 NPP. Ensure the implementation of all requirements for the safe, reliable and efficient handling of IRAW and CRAM and their transport in Slovakia
- Implement the activities for the handling of SNF, transport of SNF and fresh nuclear fuel

#### **DECOMMISSIONING OF NUCLEAR FACILITIES**

- Prepare the V1 NPP decommissioning projects by ensuring the applications for funding from NNF and BIDSF grants in line with the Strategy for the Final Part of the Peaceful Use of Nuclear Energy in Slovakia, the V1 NPP decommissioning strategy, the Plan for the 2nd stage of the V1 NPP's Decommissioning, and JAVYS' planning documents for 2015
- 2. Prepare the A1 NPP decommissioning projects by ensuring the applications for funding from NNF in line with the Strategy for the Final Part of the Peaceful Use of Nuclear Energy in Slovakia, the plans for the decommissioning stages and JAVYS' planning documents

#### **OPERATION OF NUCLEAR INSTALLATIONS**

 Analyze organizational and technical options to streamline operations under the conditions of NF safety and identify opportunities for in-house operations to ensure economic savings of 1% of the costs set out in the business plan and the 2015 financial budget

#### SAFETY AND ENVIRONMENTAL PROTECTION

- Ensure continuous improvement of occupational health and safety, prevention of accidents and health damages by not exceeding the target values for:
  - accident frequency indicator not to exceed 0.5%
  - Average % of work incapacity indicator (injury severity) not to exceed 0.05%.
- Ensure continual improvement and prevention to counteract pollution by fulfilling the environmental goals and JAVYS' environmental management programs

#### **ECONOMY AND SERVICES**

- 1. Dispose of the company's property and assets efficiently and economically, and achieve an increase in sales and revenues from JAVYS' own activities in 2015 compared to the average of 2012 2014
- 2. Implement marketing activities with a view to concluding new contractual obligations for the provision of nuclear services to customers with the aim of achieving a higher capacity utilization of NF technologies, and thereby increasing the company's revenue for the processing and treatment of RAW. Carry out the final sale of unneeded assets from decommissioned facilities

#### COMPANY DEVELOPMENT

- Ensure the preparation and implementation of approved investment projects and actions leading to the expansion of the processing and storage capacities of the company for very low, low and medium active RAW
- 2. Ensure the preparation and implementation of approved investment projects and actions leading to the expansion of storage capacities for SNF and the development of UR in Slovakia

# MANAGEMENT OF THE COMPANY AND HUMAN RESOURCES

- 1. Through effective and efficient company management, ensure the maintenance of international integrated management system certificates according to ISO 9001, ISO 14001, OHSAS 18001 and ISO/IEC 20000-1 with a maximum emphasis on minimizing the negative impacts on the environment, improving the working environment and providing risk management and thus presenting JAVYS as a trusted company with the intention of continuous improvement
- 2. Ensure skilled and trained personnel to maintain secure, reliable, ecological and economical operation and decommissioning of the NF and the decommissioning of the NF within the meaning of the safety culture principles and ALARA principles with a minimal human impact factor for the occurrence of operational events



Demolition of the central pumping station of cooling water within the BIDSF project D3.1A Dismantling and demolition of V1 NPP external buildings – Phase 1



### INTERNATIONAL MARKETING ACTIVITY

In 2014, JAVYS continued its efforts to expand and assert itself in the international markets in the field of the final part of nuclear energy and the offer of its commercial services. To achieve the set objective, it set aside two experts for these activities, who began to systematically work in this area with the support of other workers.

JAVYS became involved and continued to prepare 14 international tenders in the field of radioactive waste processing and the provision of consulting services for the decommissioning of nuclear installations and the management of radioactive waste and spent nuclear fuel.

2014 can be described as a breakthrough in commercial activities, because the result of this effort was the signing of one contract and the award of a contract in three projects, representing a success rate of almost 30%. The JAVYS' tender succeeded in the project of radioactive waste combustion from the Dukovany and Temelín nuclear power plants for four years. A great achievement is the procurement of a contract for the processing of saturating sorbents and sludge from the Italian Moerdijk nuclear power plant. The project will be implemented by the JAVYS -Consorzio Stabile Ansaldo New Clear consortium. Thirdly, JA-VYS was successful in the project to build a consultancy service for the storage of low and medium activity waste in Iraq, which it will address along with two German companies, NUKEM Technologies GmbH and DBE Technology GmbH. In the summer of 2014, a contract was signed for the pilot project regarding the processing of institutional radioactive waste for the Italian company Nucleco, SpA. The financial volume for JAVYS' performances in the prepared four projects represents €29.7 million, and the total value is €42.5 million.

In 2014, JAVYS conducted services for foreign customers under contracts approved in 2012 and 2013. For DMS, s.r.o. it provided the support of a technical and emergency group during the import of fresh nuclear fuel to Slovakia for the operating nuclear power plants. Furthermore, it ensured the processing of operational radioactive waste by high-pressure molding and combustion for the Czech company ČEZ.

The strategy of offering commercial activities included the expansion of contacts with other companies already established in the market and representing potential partners in future tenders and projects. To this end, JAVYS presented itself at the first year of the World Nuclear Exhibition in Paris

2014 showed that the international market has space for JAVYS' commercial activities. The expansion of the range of services is another way of its growth and establishment in the market of services offered in important segments of the nuclear industry.

## JESS SUBSIDIARY COMPANY

Jadrová energetická spoločnosť Slovenska, a.s. (JESS) is a joint venture of Jadrová a vyraďovacia spoločnosť, a.s., which owns a 51% share, and the Czech energy group ČEZ, a.s., which owns a 49% share. JESS was created in preparation for the new nuclear power plant project, which is proceeding according to the established program. In the framework of activities for the next period, it began preparing the environmental impact assessment process for the new nuclear power plant in mid-2013. Following the prepared Intent, which was submitted to ME SR on 5 March 2014. ME SR published the requested Assessment Range of the Proposed Activity on 29 May 2014, determined according to Paragraph 30 of Act No. 24/2006 Coll. on the environmental impact assessment. JESS actively promoted public involvement in the process of familiarization with the Intent. Leaflets were distributed in the affected municipalities, and information about the publication of the Intent and the initiation of the assessment scope determination process was presented in the local and national periodicals. From the perspective of neighboring countries it was well accepted that the Intent was published not only in English, but also the national languages of the neighboring countries, which facilitated the public involvement of neighboring countries. According to the JESS' schedule, the EIA Report should be completed in the second half of 2015. The EIA process will be concluded by the final opinion on the project, whose release is expected in the first half of 2016. This opinion is a necessary basis for further licensing activity in the proceedings pursuant to the Atomic and Building Acts.

## **ECONOMIC RESULTS**

#### REPORT ON BUSINESS ACTIVITIES AND ASSETS

Jadrová a vyraďovacia spoločnosť, a.s. is a joint stock company 100% owned by the State, which exercises the shareholder rights through the Slovak Ministry of Economy. The mission of JAVYS is the implementation of activities under the approved Strategy for the Final Part of Peaceful Use of Nuclear Energy in Slovakia in order to decommission the A1 NPP and V1 NPP nuclear facilities in a safe, reliable and cost-effective manner, to provide nuclear services for the management of spent nuclear fuel and radioactive waste management. JAVYS also provides additional services to third parties, arising out of concluded service and rental contracts

By 31 December 2014, the company achieved profit before tax of €20,917,463 and a profit after tax of €12,060,124. An operating profit was recognized in the amount of €19,759,947.

JAVYS management in 2014 was influenced by the limited amount of NND subsidies provided to the company for the reimbursement of eligible and investment of activities for the final part of nuclear energy. In 2014, NNF subsidies were set to the total limit amount of €47,764,614 based on the approved state budget. Based on the decision of the company's general assembly on 9 June 2014, the company made a voluntary contribution to the NNF account of €10 million, which in turn increased the amount of subsidies granted from NNF in 2014 to €57,764,614. After the increase by the voluntary contribution, the eligible operating costs were reimbursed to the company from the NNF subsidies amounting to €56,742,476 (NNF budget for 2014 amounting to €3,848,251) and eligible investment costs from NNF subsidies of €4,597,403 (NNF budget for 2015).

Within the drawing of funds from the BIDSF for projects related to the V1 NPP's decommissioning, the company accepted subsidies totaling €44,203,438, of which BIDSF's operating subsidies amounted to €29,780,180, BIDSF's investment subsidies to €14,423,258 and subsidies for the implementation of the decommissioning program using the human resources available at the V1 NPP in the amount of €6,510,935, of which €6,310,200 was for the operational part and €200,735 for the investment part.

The main sources of the company's reported revenues represent revenues from the commercial management of RAW and SNF. other revenues from the concluded service and lease contracts. and the sale of unneeded recoverable assets from the decommissioning of the A1 NPP and V1 NPP. For 2014, the company reported total revenues and revenues from its own performances in the amount of €42.346.826, of which direct sales from Slovenské elektrárne, a.s. for transportation, storage and processing of RAW and SNF and for the treatment of SNF for V1 NPP. V2 NPP and NPP EMO 1,2 reached the amount of €18,487,235. and maintenance services to third parties accounted for the amount of €1,387,269. Reported revenue from the processing of historic sludge and sorbents was €16,643,345. The company achieved the revenues in the amount of €6,492,392 for the material activation and LTA, the sale of unneeded recoverable assets from the decommissioning of the A1 NPP and V1 NPP, and revenues arising from lease and other contracts and other performances of JAVYS.

Costs of the company's production consumption were recognized in the amount of €55,059,628. Actual personnel costs were recognized in the amount of €26,549,322 (of which €23,370,219 represented labor costs and €1,919,584 corresponded to the completion provisions for future employee benefits), accounting depreciation of long-term assets and provisions for non-current assets amounted to €14,321,771 (total depreciation of LIA and LTA were in the amount of €17,379,157 and provisions for assets amounted to €3,057,386).

As of 31 December 2014, the company recorded total assets of €1,561,565,314. Of that, the tangible company assets amounted to €134,144,100. Long-term financial assets were recognized in the amount of €111,600,368. The assets related to investment in JESS, established in 2009 as a joint venture of JAVYS and ČEZ Bohunice. The value of financial assets as of 31 December 2014 was revalued based on the reduction of JESS' equity by €2,151,408.

The largest item of the company liabilities as of 31 December 2014 was formed by the established reserves for the decommissioning and dismantling the A1 and V1 nuclear power plants, the dismantling and decommissioning of non-energy facilities and provisions for future employee benefits (retirement and severance pay under the Collective Agreement). As of 31 December 2014, provisions in the total amount of €1,196,927,645 were recognized. Part of the reserves are for the decommissioning and dismantling of the A1 and V1 nuclear power plants in the amount of €1,083,531,566. This part of the reserves is covered by receivables for future subsidies from NNF and BIDSF.

The value of the company equity amounted to €217,427,374, representing 14.06% of total company assets. At the ordinary general meeting held on 9 June 2014, the sole shareholder decided to pay voluntary contributions to the account of the National Nuclear Fund totaling €10 million in the period until 31 July 2014.

In 2014, the company did not draw any bank loans. On 8 December 2014, the company entered into the Funding Agreement with VÚB Bank. The contract was awarded to provide bank guarantees for participation in a tender announced by the Italian company SOGIN. In December 2014, VÚB Bank provided guarantees for the tendering period of 180 days in the amount of €692,000 and €48,000.

The achieved economic results are presented in the financial statements audited by an independent auditor without reservation.

#### TRADE AND SERVICES

JAVYS' active trades in 2014 focused primarily on the following areas:

Provision of services for the management of radioactive waste and spent nuclear fuel

Provision of processing and storage of radioactive waste and spent nuclear fuel is mainly subject to business with SE, a.s., ČEZ, a.s. and VUJE, a.s

 Provision of services and other activities required to ensure nuclear safety, radiation safety and operational reliability

JAVYS provides services essential to ensuring the safe operation of the nuclear power plant and relate in particular to the preparation of personnel for nuclear power facilities, personal dosimetry and radiation protection, calibration of machinery, services associated with common use of facilities, services in the field of emergency planning and preparedness, transport services, steam supply, and rental of premises and equipment for SE, a.s.

Rentals of residential and office space and related services

On a commercial basis, lease of office premises is provided mainly to JAVYS' current work and service contractors, but also entities that do not have a supply relationship with JAVYS.

Rented properties are primarily used as offices, changing rooms, warehouses, assembly halls, production facilities, apartments, or leased land and parking areas.

Provision of other services and the sale of unneeded property

As part of its business activities, JAVYS also provides other services, in particular: the collection, transportation, processing and storage of IRAW, shared use of railway siding, provision of training and consultation, dosimetry services, supply of demineralised water, utility and sewage water disposal, heat.

The sale of unneeded and unusable property has become an important source of income. 40 sales of unneeded assets and inventory were realized (completed) in 2014, which brought revenues totaling €3,330,602.15 (excluding VAT).

Cumulative revenues of the main business activities for 2014 amounted to €26,733,000. From this, revenues from the RAW and SNF management services accounted for approximately 73.02% and 26.98% for revenues from other services.

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### FINANCIAL STATEMENTS



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	Total assets (l. 02 + l. 33 + l. 74)	01	_	H		÷		Ė					÷		•		•		Ŭ				-		_			_	
			_	<u> </u>	2	7	1	3	9	7	2	7	4						<u> </u>	1	5	6	3	2	4	3	9	1	
Δ.	Non-current assets (I. 03 + I. 11 + I. 21)	02	L		5	1	9	2	7	4	7	0	7	L	Ш	2	4	7	9	3	1	8	9	1					
	(1. 05 + 1. 11 + 1. 21)				2	7	1	3	4	2	8	1	6								2	3	6	5	1	6	6	1	
A.I.	Total non-current intangible assets (I.	03				1	4	2	7	0	4	4	4					2	1	8	7	4	2	3					
	04 to I. 10)	30				1	2	0	8	3	0	2	1										2	4	4	1	0	7	
	Capitalised					Π							П		П		П				П								
A.I.1.	development costs (012) - /072, 091A/	04		Ī		Ī							П								П					П		П	i
	0-6 (040) (070			Ī		1	2	1	2	2	7	7	2				П	1	6	1	4	8	0	7					١
2.	Software (013) - /073, 091A/	05		<del> </del>		1	0	5	0	7	9	6	5								П		1	6	8	9	4	2	
			_	_		_	1	9	7	7	8	0	5						4	0	2	7	4	9					
3.	Valuable rights (014) - /074, 091A/	06	_	<del> </del>	Н	_	1	5	-	-	0					<u> </u>				Ť	H		-		2	2	3	7	
				<del> </del>		<u> </u>		-	ť		_	_	-							<u> </u>	H		<u> </u>		J		J		
4.	Goodwill (015) - /075, 091A/	07	_	_		_	_		Н	H		Н	<u> </u>			<u> </u>	Ш		_	_	Н	_	H	Н	L			_	
	Other non-current			<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>						<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>		Н	Н	<u> </u>	
5.	intangible assets (019, 01X) - /079, 07X,	08	L	_		_	_	_	Ц	Ц		Ц	<u> </u>	L	Ш	<u> </u>	Ш				Щ		Ц	Ц					
	091A/				<u> </u>			<u></u>		Щ			Щ								Щ			Щ		Щ	Ш	<u>_</u>	
6.	Non-current intangible assets in acquisition	09						1	6	9	8	6	6				Ш		1	6	9	8	6	6					
	(041) - 093																							1	1	9	2	6	
_	Advance payments for																												
7.	non-current intangible assets (051) - /095A/	10		Г		П														П			П				П	П	i
	Total non-current			П	3	9	3	4	0	3	8	9	5			1	3	4	1	4	4	1	0	0					
A.II.	tangible assets (I. 012 tol. 020)	11		T	2	5	9	2	5	9	7	9	5							_	1	2	0	3	2	3	7	7	
				<del>                                     </del>			2	0	3	-	5	÷	0					2	0	3	5	5	8	0					
A.II.1.	Land (031) - 092A	12	_	<del>                                     </del>		_		Ť		Ť			Ť			<u> </u>		_	_	Ť	Ť	Ť	2	0	_	4	2	2	
			_	_		_	_	Н	Н	_		Н	H						_		H	Н			3	1			
2.	Structures (021) - /081, 092A/	13	_	<u> </u>	<u> </u>	9	5	0	0		3						2	7	4	9	3	6	2	3	L		_	_	
			L	L	<u> </u>	6	7	5	1	0	6	9	4								Ц	2	7	3	6	6	1	1	
3.	Separate movable assets and sets of	14	L	L	2	4	5	4	3	4	0	6	6	L		Ш	6	2	8	2	1	0	1	0					
	movables (022) - /082, 092A/				1	8	2	6	1	3	0	5	6									6	6	4	2	5	0	7	

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	Balance Sheet Úč POD 1 - 01	DIČ	2	0	2	2	0	3	6	5	9	9		IČO	3	5	9	4	6	0	2	4		II	Ш			Ш	
Descript									C	urrer	nt Re	por	ting	Peri	od							lm	medi	iately	-Pre	cedi	ng R	eporti	ng
ion	ASSETS	Line	1						- Pa								Ne	t 2								riod			
а	b	С					Cor	recti	on -	Part 2	2		_		_						_			_	Ne	t 3			
4.	Perennial crops (025) - /085, 092A/	15	L	_	Н		_		Ц	<u> </u>		_	Ц		<u> </u>	<u> </u>				_		_		_					
	Livestock and draught									_														H					
5.	animals (026) - /086, 092A/	16					Ī						Ī											Ī				П	
6.	Other non-current tangible assets (029, 02X, 032) - /089, 08X,	17				Ц			1	2	8	5	0				Ц			1	2	8	5	0					
	092A/			<u> </u>	<u> </u>	4	9	0	0	4	4	•	0		_		•	•			8	4	4	_	1	3	4	7	1
7.	Non-current tangible assets in acquisition (042) - 094	18			<u> </u>	-	9	1	3	6	0	4	5				J	J	0	0	0	2	2	5	0	3	6	0	6
8.	Advance payments for non-current tangible	19					1	9	1	2	5	9	2					1	9	1	2	5	9	2					
0.	assets (052) - /095A/	.0				Ц			Ц														1	9	8	4	2	7	7
9.	Correction item to acquired assets (+/- 097) +/- 098	20	H	_	Н		Н		Н	<u> </u>			Н							<u> </u>				H		1			
A.III.	Total non-current financial assets (I. 22	21			1	1	1	6	0	0	3	6	8			1	1	1	6	0	0	3	6	8					
A.III.	to I. 32)	21					Ц						Ц								1	1	3	7	5	1	7	7	6
A.III.1.	Shares and ownership interests in group companies (061A,	22		<u> </u>	Ц	Ц			Ц	<u>_</u>			Ц				Ш		Ц				Ц	<u> </u>					
	062A, 063A) - /096A/ Shares and ownership interests with a				1	1	1	6	0	0	3	6	8			1	1	1	6	0	0	3	6	8					
2.	participating interest except for group companies (062A) - /096A/	23			ī		Ī	Ī	İ		Ī		i								1				5	1	7	7	6
3.	Other held-for-sale securities and ownership interests	24				Ш	Ц		Ц				Ц				Ш						Ц	Ц					
	(063A) - /096A/		L	<u> </u>	Ц	Ш	<u> </u>		<u> </u>	<u> </u>			Ц											Ц			Ц	Щ	
4.	Loans to group companies (066A) - /096A/	25	H	_	H		-		H	_			-							_				=					
-	Loans within a participating interest	00			J																							۲	
5.	except to group companies (066A) - /096A/	26																										П	
6.	Other loans (067A) - /096A/	27		<u> </u>	Н					<u>L</u>					<u>L</u>	<u> </u>	<u> </u>				L			<u> </u>					
7	Debt securities and other non-current	00			<u> </u>																								
7.	financial assets (065A, 069A, 06XA) - /096A/	28																										Ī	
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	Balance Sheet Úč POD 1 - 01	DIČ	2	0	2	2	0	3	6	5	9	9		IČO	3	5	9	4	6	0	2	4	Ш	Ш	Ш	Ш	Ш	Ш	
									Cı	urrei	nt R	epoi	ting	Peri	od							lm	med	iately	-Pre	cedi	na R	epor	tino
lescript ion	ASSETS	Line	_				G	ross	- Pa	rt 1			_				Ne	t 2				1		,	Pe	riod			
а	b Loans and other non-	С	1				Cor	recti	on - l	Part :	2														Ne	t 3			
0	current financial assets with remaining maturity of																												
8.	up to one year (066A, 067A, 069A, 06XA) - /096A/	29																				Ш							Ī
9.	Bank accounts bound for period exceeding one	30							Ц									Ц			Ц								
	year (22XA)			<u> </u>	<u> </u>	<u></u>	<u> </u>	<u> </u>	Ц	<u> </u>	<u> </u>	<u> </u>	<u></u>				_		<u></u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>			L		L
10.	Non-current financial assets in acquisition (043) - /096A/	31	H	_					Н	H													_				_		_
	Advance payments for						H			<u> </u>			<u> </u>											<u> </u>					
11.	non-current financial assets (053) - /095A/	32					Ī																						Ī
В.	Current assets (I. 34 + I. 41 + I. 53 + I. 66 +	33		1	3	1	0	8	2	6	4	3	5		1	3	1	0	7	7	1	9	7	7					
	I. 71)						Ц		5	4	4	5	8							1	3	2	2	9	6	9	1	5	6
3.I.	Total inventory (l. 35 to 1. 40)	34	L	L			1	9	5	0	8	6	2					1	9	0	2	1		2					
				L	H	L	Ц	H	4	8		7	0						_		Ц	Ц	1	1	0	0	3	0	6
3.I.1.	Raw materials (112, 119, 11X) - /191, 19X/	35	L	<u> </u>	<u> </u>	<u> </u>	1	9	5	0	8	6	2		<u> </u>	<u> </u>		1	9	0	2	1	9	2	L				
	Work-in-progress and		H	H			Н		4	8	6	7	0						_		Н		1	1	U	0	3	0	6
2.	semi-finished goods (121, 122, 12X) - /192, 193, 19X/	36																											
3.	Finished goods (123) -	37																											
0.	194	0.					Ц			Ц			Ц									Ц						Ц	L
4.	Livestock (124) - 195	38		L		Ц	Ц		Ц	Ц			Ц					Ц	Ц		Ц	Ц	Ц	Ц					
				L	H	L	Ц	H	Ц	Ц	_	H	Ц						_		Ц	Ц	H	Ц			_		L
5.	Merchandise (132, 133, 13X, 139) - /196, 19X/	39	_	<u> </u>			<u>Ц</u>		<u> </u>	<u>Ц</u>			<u> </u>										<u> </u>	_					_
	Advance payments for			Т	П	Т	ī		П	ī		Т	ī								ī		Ī	ī			_		
6.	inventory (314A) - /391A/	40																											Ī
B.II.	Total non-current receivables (I. 42 + I.	41					3	9	3	9	5	6	3					3	9	3	9	5	6	3					
	46 to I. 52)		L	L	Ц	L	Ц		Ц	Ц	_	<u> </u>	Ц						Ц	Ц	Ц	Ц	4	0	6	1	5	6	7
3.II.1	Total trade receivables (l. 43 to l. 45)	42	H	H			Н		Ц	H	_		H		<u> </u>	<u> </u>	<u> </u>		_	_	<u> </u>	<u> </u>							
	40)						Ш		Ш	Ш											Ш	Ш							L

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Ozna-	ASSETS	Line									nt Re	por	ing	Period								lm	med	iately		cedi		Repo	orting
čenie	b	C	1						s - Pa	rt 1 Part 2	,						Ne	t 2								et 3			
_	Trade receivables from				П										1														
1.a.	group companies (311A, 312A, 313A, 314A, 315A, 31XA) - /391A/	43														_										Ī			L
1.b.	Trade receivables within a participating interest except for receivables from group companies (311A,312A,313A,	44																											
	314A, 315A, 31XA) - /391A/			Ц	Ш						L		Ц						Ц										L
1.c.	Other trade receivables (311A, 312A, 313A, 314A,	45			Ц	Ц			Ц		_	Н	<u> </u>		<u></u>				Ц							_			_
	315A, 31XA) - /391A/ Net contract value						H						Н		1	ī	П												
2.	(316A)	46																											Ī
3.	Other receivables from group companies (351A) - /391A/	47							Ц			Ц																_	
	Other receivables within a participating interest														1														_
4.	except for receivables from group companies (351A) - /391A/	48					i				Ī															Ī		Ī	Ī
5.	Receivables from partners, members and participants in an	49		Ц	Ц	Ш	Ц		Ц		L	Ш	Ц																
	association (354A, 355A, 358A, 35XA) - /391A/			Ц	Ц		<u>Ш</u>		Ц		<u> </u>	Н	Ц						Ц		_			_		<u> </u>		<u> </u>	L
6.	Receivables from derivative transactions (373A, 376A)	50		<u>Ц</u>	<u>Ц</u>	<u>Ц</u>	<u> </u>		<u> </u>		<u> </u>	<u> </u>	<u>Ц</u>		<u> </u>	<u> </u>			<u> </u>			<u> </u>				<u> </u>	<u> </u>	1	<u></u>
7.	Other receivables (335A, 336A, 33XA,	51						1	3	5	4	4	3			Ī			1	3	5	4	4	3					
	371A, 374A, 375A, 378A) - /391A/		Ц	Ц	Ц	Ц	<u>Ц</u>		Ц	<u>_</u>		Ц	Ц		_				Ц	<u> </u>		Ц	<u> </u>	2	5	7	4	4	7
8.	Deferred tax asset (481A)	52	Н	<u> </u>			3	8	0	4	1	2	0	Н	<u> </u>	<u> </u>		3	8	0	4	1	3	8	0	4	1	2	: 0
	Total current			1	1	0	4	6	8	9	4	0	9		1	1	0	4	6	8	3	6	2	1				<u> </u>	
B.III.	receivables (l. 54 + l. 58 to l. 65)	53								5	7	8	8							1	1	1	4	8	5	9	7	1	4
B.III.1.	Total trade receivables (l. 55 to l.	54		Ц			5	8	8	0	1	9	0	Ц				5	8	7	4	4	0	2					
	57) Trade receivables from		Н	Ц	Ц	Ц	Ц		Ц	5	7	8	8						Ц			Ц	8	5	8	8	3	9	1
1.a.	group companies (311A, 312A, 313A, 314A, 315A, 31XA) - /391A/	55	H	<u>Ц</u>	<u>Ц</u>	<u>Ц</u>	<u> </u>		<u> </u>		<u> </u>	<u> </u>	<u>Ц</u>						<u> </u>			<u> </u>				<u> </u>		<u> </u>	<u> </u>
4.	Trade receivables within a participating interest except for receivables from group														Ī	j													j
1.b.	companies (311A, 312A, 313A, 314A, 315A, 31XA) - /391A/	56																											Ī

	Balance Sheet Úč POD 1 - 01	DIČ	2	0	2	2	0	3	6	5	9	9		IČO	3	5	9	4	6	0	2	4	Ш	Ш	Ш	Ш	Ш	Ш	
									С	urrer	t Re	port	ting	Perio	od							lm	med	ately	/-Pre	cedi	ng Re	eport	ti
Descriptio n	ASSETS	Line	1					Fross									Ne	t 2								riod			
а	b	С					Co	rrecti	ion -	Part 2	2														Ne	t 3			_
1.c.	Other trade receivables (311A, 312A, 313A, 314A, 315A, 31XA) -	57	L	<u>L</u>	L		5	8	8	0	1	9	0				Ш	5	8	7	4	4	0	2					
	/391A/			L				Щ		5	7	8	8								Щ		8	5	8	8	3	9	
2.	Net contract value	58											Ш																
-	(316A)	50		L																									
	Other receivables from			П		Ī	П																						
3.	group companies (351A) - /391A/	59	Г	T		Ī	Ī						П										Ī			П	П	П	
	Other receivables within a		H	T	П	_	_	П	ī		П		П						ī	_	T			_					
4.	participating interest except for receivables from group companies (351A) - /391A/	60		t		<del> </del>	_	Н			Н		H							<u> </u>	Н		_		_		П	_	
	Receivables from partners, members and		H	+		_		Н		<u> </u>	H		H						H	<u> </u>	H	Н		H					
5.	participants in an association (354A,	61	-	+	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	H		H				<u> </u>		<u> </u>	<u> </u>	<u> </u>		<u> </u>		_	_	_		
	355A, 358A, 35XA,		H	<u> </u>	<u> </u>	_		Н	Н	_	Н	Н	Н						Н	<u> </u>	H	Н	_	Н			Ш	4	
6.	Social security insurance (336A) - /391A/	62	H	Ļ		<u> </u>	_	Н	Н	_	Н	Ц	Н		<u> </u>		<u> </u>		Н	<u> </u>	Н	Ц	_	Ц	L				
			L	<u> </u>	<u> </u>		<u>_</u>	<u>Ш</u>		_	Щ		Ц						Ц		<u>Ц</u>	Ц		Ц		Ш	Ш	Ц	
7.	Tax assets and subsidies /341, 342, 343, 345, 346, 347) -	63		1	0	9	8	7	9	2	5	1	4		1	0	9	8	7	9	2	5	1	4					
	/391A/																			1	1	0	6	2	5	7	2	1	
8.	Receivables from derivative transactions	64																											
o.	(373A, 376A)			L																					П				j
,	Other receivables (335A, 33XA, 371A,			П		Ī			1	6	7	0	5							1	6	7	0	5					
9.	374A, 375A, 378A) - /391A/	65		П		Ī	Ī		П		П		П							Π			Ī		1	4	1	0	
	Total current financial		Г	T		Ī	Ī				5	7	1				П			Ī	ī	5	7	1					
B.IV.	assets (l. 67 to l. 70)	66	Г	Т	П	T	ī	ī	ī	_	П	ī	Π						ī		ī	ī	ī	ī		П	П	П	
	Current financial assets in		H	T	П	_	_	П	ī		5	7	1						ī		ī	5	7	1					
B.IV.1.	group companies (251A, 253A, 256A, 257A, 25XA) - /291A, 29XA/	67	H	t		_		П												_	П				_		_		
	Current financial assets		H	t		_		Н		_	H		H					_		_	H			_			_		
2.	excluding current financial assets in group companies (251A, 253A, 256A, 257A,	68	-	<u> </u>	H	_	<u> </u>	Н	H	_	Н		<u>H</u>		<u> </u>	<u> </u>	<u> </u>		Н	<u> </u>	Н		_		L			_	
	25XA) - /291A, 29XA/		L		L		L	Ц			Ц		Ц						Ц		Ц	Ц		Ц	Ц	Ц	Ц	Ц	
3.	Treasury stock and	69	L	L		L			Ц		Ц	Ш	Ц			Ц	Ш	Ц		L	Ц			Ц					
-	treasury shares (252)	ū																											
4	Current financial assets	70																											
4.	in acquisition (259, 314A) - /291A/	70		Ī																									

U	Balance Sheet												1 1																
	Úč POD 1 - 01	DIČ	2	0	2	2	0	3	6	5	9	9		IČO	3	5	9	4	6	0	2	4		Ш	Ш	Ш	Ш	II	
Descriptio	ASSETS	Line								urrei	nt Re	epoi	ting	Peri	od							lm	med	iately		cedii riod	ng Re	eport	ting
n a	b	Line C	1	-					on -	rt 1 Part 2	2						Ne	t 3								t 3			
					2	0	0	2	4	6	0	3	0			2	0	0	2	4	6	0	3	0					
B.V.	Financial accounts I. 72 + I. 73	71											П						П		2	0	2	9	4	7	5	6	9
				_		Н			3	8	2	4	9						Н	3	8	2	4	9					
B.V.1.	Cash on hand (211, 213, 21X)	72	_	<u> </u>		_	<u> </u>		Ť	_	i	i	i						Н	Ť	Ť		Ė	Ť	4	8	4	3	6
				<u> </u>	_	_	_	_	_	_	-					•	^	_	_	_	_	_	_		Ī	•		3	
2.	Bank accounts (221A, 22X, +/- 261)	73		<u> </u>	2	0	0	2	0	7	7	8	1		<u> </u>		0	U	2	0	7	7	8	1					
	·			L	Ц	Ц	Ц	Ц			Ц		Ц						Ц		2	0	2	8	9	9	1	3	3
C.	Total accruals and deferrals (I. 75 to I. 78)	74		L	Ш		2	8	6	1	4	4	4					2	8	6	1	4	4	4					
	deterrais (i. 75 to i. 76)			L	Ш	Ш	Ц	Ш	Ш		Ш		Ц						Ш		Ц		3	7	5	8	1	4	0
C.1.	Non-current deferred	75		L				1	5	6	1	5	8					Ц	1	5	6	1	5	8					
	expenses (381A, 382A)																							1	5	6	8	2	4
2.	Current deferred	76							6	6	2	0	9							6	6	2	0	9					
۷.	expenses (381A, 382A)	70		Ī																					5	2	6	9	6
3.	Non-current accrued	77		Ī																				Ī					
3.	income (385A)	//		Ī																									
	Current accrued income			Ī		П	2	6	3	9	0	7	7		П			2	6	3	9	0	7	7					
4.	(385A)	78		ī		П													П				3	5	4	8	6	2	0
Descript	EQUITY AND I	LIABIL	ITIE	s		Lit	ne			Cu	rren	t Re	port	ing F	Perio	d			lm	med	diate	lv-P	rece	edin	a Re	port	ing l	Peri	od
ion a	b					ď	;						4			_						, .		5					
	TOTAL EQUITY AND LIA + I. 141					7	9		1	5	6	1	5	6	5	3	1	4		1	5	6	3	2	4	3	9	1	5
A.	Equity I. 80 + I. 85 + I. 86 I. 97 + I. 100	+ I. 87 +	⊦ I. 90	+ 1. 1	93 +	8	0			2	1	7	4	2	7	3	7	4			2	1	9	8	5	6	0	9	0
A.I.	Total registered capital	(I. 82 to	I. 84	)		8	1				3	6	4	4	6	9	4	0				3	6	4	4	6	9	4	0
A.I.1.	Registered capital (411 or	+/- 491)	)			8	2				3	6	4	4	6	9	4	0				3	6	4	4	6	9	4	0
2.	Changes in the registered	capital	+/- 4	19		8	3																						
3.	Receivables for subscriber	d capital	I (/-/3	53)		8	4																						
A.II.	Share premium (412)					8	5																						
A.III.	Other capital funds (413)					8	6																						П
A.IV.	Legal reserve funds I. 88	+ 1. 89				8	7		П		П	8	4	2	2	6	8	5					8	4	2	2	6	8	5
A.IV.1.	Legal reserve fund and no (417A, 418, 421A, 422)	n-distrib	utabl	e fun	d	8	8	П	П		П	8	4	2	2	6	8	5	П	П	П	П	8	4	2	2	6	8	5
2.	Reserve fund for treasury shares (417A, 421A)	stock ar	nd tre	asury	/	8	9	П	П				П			П		ī	Г				Ī			ī	П	П	ī
	MF SR č. 18009/2014																									Page	e 7		

	Balance Sheet Úč POD 1 - 01 DIČ 2 0 2	2 0	3	6	5	9	9		IČO	3	5	9	4	6	0	2	4	Ш	Ш	Ш	Ш	Ш	Ш	
Descript ion	EQUITY AND LIABILITIES	Line			Cu	rren	t Re		ing F	erio	d			lm	med	diate	ly-P	rece		g Re	port	ing	Peri	io
а	b Other funds from profit I. 91 + I. 92	90				2	7	1	1	2	7	9	6				2	7	5 1	1	2	7	9	1
A.V.1.	Statutory funds (427, 42X)	91	H	Н			<u>'</u>	i	<u> </u>		_	9		Н	_	Н		<u> </u>				_	3	I
2.	Other funds (427, 42X)	92	_			2	7	1	1	2	7	9	6	Н	_		2	7	1	1	2	7	9	I
A.VI.	Total revaluation reserves (I. 94 to I. 96)	93	_		1	0	5	3	1	5	3		-	H	_	1	0	7	4	6	6	8	0	l
A.VI.1	Asset and liability revaluation reserve (+/- 414)	94	-		_		9	7	7	5	9		-		-	Ė		7	Н	2	4	5	0	i
2.	Financial investments revaluation reserve (+/-	95	_		1	1		0	9	1	3	0	1	Н	_	1	1	5	0	9	1	3	0	I
3.	415) Revaluation reserve from fusions, mergers and	96	H		Ė	i	Ť		_	i	Ť		i	Η	-	Ė	i	Ť			i	_		l
A.VII.	separations (+/- 416)  Profit/loss from previous years I. 98 + I. 99	97	F	Н		2	8	0	6	9	4	3	7	Н		Н	2	8	6	6	8	9	8	l
A.VII.1.	Retained earnings from previous years (428)	98	H	Н		2	8	0	6	9	4	3	-	H			2	8	Н	6	-	9		
2.	Accumulated losses from previous years (/-/429)	99				_	_	_		_		<u> </u>	<u> </u>	H			<u>-</u>	_	_		<u> </u>	<u> </u>	-	<u>1</u>
A.VIII.	Profit/loss for the current reporting period after taxation /+-/ I. 01 - (I. 81 + I. 85 + I. 86 + I. 87 + I. 90	100	_			1	2	0	6	0	1	2	4				1	1	7	3	7	8	8	i
В.	+ I, 93 + I, 97 + I, 101 + I, 141) Liabilities I. 102 + I. 118 + I. 121 + I. 122 + I. 136 + I. 139 + I. 140	101	F	1	2	6	1	7	9	5	9	3	-	H	1	2	7	5	5	3	9	5	5	i
B.I.	Total non-current liabilities (I. 103 + I. 107 to I. 117)	102				2	5	8	4	6	7	0	5	П			3	9	6	5	4	7	0	i
B.I.1.	Total long-term trade payables (l. 104 to l. 106)	103					ī			ī			ī	П		П		ī			П	П		i
1.a.	Trade payables to group companies (321A, 475A, 476A)	104	F	П		П	ī	ī		ī	ī		ī	ī	ī	ī		ī	П		ī	П		İ
1.b.	Trade payables within a participating interest except for payables to group companies (321A, 475A, 476A)	105	Г	П		ī	ī	Ī		ī	Ī		ī	ī	ī	ī		ī	Ī	Ī	ī	ī		İ
1.c.	Other trade payables (321A, 475A, 476A)	106				Π	ī	<u> </u>		1	<u> </u>	<u> </u>	<del>-</del>	Π	<del>-</del>	ī	<u> </u>	1	<u> </u>	<u> </u>	<del>-</del>	<u> </u>		i
2.	Net contract value (316A)	107		П		2	5	4	9	6	9	7	7		ī	ī	3	9	2	4	4	6	3	i
3.	Other payables to group companies (471A, 47XA)	108		П	Т	ī	ī	Ī	П	ī	Ī	П	ī	ī	ī	Ī	П	ī	Ī	ī	ī	ī		İ
4.	Other payables within a participating interest except for payables to group companies (471A, 47XA)	109				Ī	ī	Ī		ī	Ī		ī	Ī	Ī	Ī		ī			ī	ī		i
5.	Other long-term payables (479A, 47XA)	110				П	Π			ī			ī			П		ī			П	П		ĺ
6.	Long-term advance payments received (475A)	111		П		П	П	П		П	П	П	П	П	Ī	П	П	П			П	П		ĺ
7.	Long-term bills of exchange to be paid (478A)	112		П		П	ī	Ī		ī	Ī		ī	П		П		ī			Π	П		ĺ
8.	Bonds issued (473A/-/255A)	113		П		П	П	П		П	П	П	П	П		П	П	П			П	П		ĺ
9.	Social fund payables (472)	114		П		П	П	3	4	9	7	2	8	ī		Ī		Ī	4	1	0	0	6	Ī
10.	Other non-current payables (336A, 372A, 474A, 47XA)	115				П							ī	П		П								j
11.	Long-term payables from derivative transactions (373A, 377A)	116								I								I						i
12.	Deferred tax liability (481A)	117		П			П			П			П	Ī		П		П			П	Ī		i

	Balance Sheet (Úč POD 1-01)	ıč 2 0	2	2 0	3	6	5	9	9		IČO	3	5	9	4	6	0	2	4	Ш	ш	Ш	Ш	Ш	ш	_
Descript										1 1				_	_										•••	
ion a	EQUITY AND LIAE	BILITIES		Line C			Cu	rren	t Re	port 4	ing F	Perio	d			lm	mec	liate	ly-P	rece	ding 5	, Re	port	ing	Peri	od
B.II.	Long-term provisions for liab 120	oilities I. 119 +	ŀ l.	118		1	1	0	7	0	5	0	4	1	4		1	0	8	9	8	1	9	4	1	1
B.II.1.	Legal provisions for liabilities (4	151A)		119									7	5	0									7	5	C
2.	Other provisions for liabilities (4	459A, 45XA)		120		1	1	0	7	0	4	9	6	6	4		1	0	8	9	8	1	8	6	6	1
3.III.	Long-term bank loans (461A,	, 46XA)		121																						Ī
B.IV.	Total current liabilities (l. 123	3 + I. 127 to I. 1	135)	122				3	9	0	2	1	3	0	5				3	9	6	6	1	0	9	4
3.IV.1	Total trade payables (l. 124 to	o I. 126)		123				1	6	6	4	9	6	2	9				1	5	0	9	3	0	1	g
1.a.	Trade payables to group companies 325A, 326A, 32XA, 475A, 476A, 478	BA, 47XA)		124															Ш							Ī
1.b.	Trade payables within a participating intere group companies (321A, 322A, 324A, 325A 478A, 47XA)	est except for payable A, 32XA, 475A, 476A	les to A,	125				Ш						Ш					Ш							Ĺ
1.c.	Other trade payables (321A, 322A 326A, 32XA, 475A, 476A, 478A, 4	A, 324A, 325A, 47XA)		126				1	6	6	4	9	6	2	9				1	5	0	9	3	0	1	ç
2.	Net contract value (316A)			127				1	5	7	3	7	4	5	4				1	8	6	3	3	1	3	8
3.	Other payables to group comp 36XA, 471A, 47XA)	oanies (361A,		128										Ш					Ш							Ĺ
4.	Other payables within a participating payables to group companies (361A	, 36XA, 471A, 47	for 7XA)	129																						Ĺ
5.	Payables to partners and participal association (364, 365, 366, 367, 3 479A)		Α,	130															Ш							Ĺ
6.	Payables to employees (331, 3	333, 33X, 479A	<b>A</b> )	131					1	2	1	3	2	8	5				Ш	1	9	6	8	9	0	3
7.	Social security insurance payal	bles (336A)		132						8	0	6	5	8	9				Ш		8	6	8	3	0	1
8.	Tax liabilities and subsidies (34 346, 347, 34X)	41, 342, 343, 3	345,	133					4	2	8	9	0	3	4					2	8	2	8	5	6	5
9.	Payables from derivative trans- 377A)	actions (373A,	,	134															Ш							Ĺ
10.	Other payables (372A, 379A, 4 47XA)	174A, 475A, 47	79A,	135						3	2	5	3	1	5				Ш		2	6	9	1	6	8
B.V.	Short-term provisions for liab 138	bilities I. 137 +	+ I.	136				8	9	8	7	7	2	3	1			1	0	6	4	0	3	5	7	4
B.V.1.	Legal provisions for liabilities (3	323A, 451A)		137					3	7	2	9	7	4	5				Ш	2	9	9	7	5	4	6
2.	Other provisions for liabilities (3 45XA)		9A,	138				8	6	1	4	7	4	8	6			1	0	3	4	0	6	0	2	8
B.VI.	Current bank loans (221A, 23461A, 46XA)	31, 232, 23X,		139									2	8	0				Ш					7	7	2
B.VII.	Short-term financial assistan 473A, /-/255A)	nce (241, 249,	24X,	140																						Ĺ
C.	Total accruals and deferrals	(l. 142 to l. 14	15)	141				8	2	3	4	2	0	0	5				6	7	8	4	8	2	6	8
C.1.	Non-current accrued expenses	s (383A)		142																						Ĺ
2.	Current accrued expenses (38)	3A)		143									1	5	4									8	9	6
3.	Non-current deferred income (3	384A)		144				7	6	9	3	7	0	2	5				6	2	2	2	5	9	7	2
4.	Current deferred income (384A	A)		145					5	4	0	4	8	2	6					5	6	2	1	4	0	C
																										_

	Income Statement Úč POD 2 - 01	2 0			-	٥	۰		IČO		,	۰	Ţ.	6		,	П	Ш	п	ш		ш	Ш	ľ
	Úč POD 2 - 01 DIČ <b>2 0 2</b>	2 0	3	6	5	9	9		100	3	5				0	2	4	Ш	ш	Ш	Ш	Ш	Ш	ı
escript ion a	ltem	Line			Cu	rren	t Re	port 1	ing F	eric	d		Actu		med	iate	ly-P	rece	ding	g Re	port	ing	Peri	ic
	Net turnover (a portion of Accounting Class 6 under the Act)	01		П	П	4	0	5	4	7	9	6	5	П	ī						П		Τ	Ī
	Total operating revenues (I. 03 to I. 09)	02		H	2	1	9	5	2	7	2	4	3	Ħ		2	4	4	4	7	5	7	4	i
l.	Revenues from the sale of merchandise (604, 607)	03		T	Ē		Ť	Ì		İ	i		1	Ħ	ī		i	i			Ì			İ
II.	Revenues from the sale of own products (601)	04							3	3	6	1	1							3	0	8	2	
III.	Revenues from the sale of services (602, 606)	05				4	0	5	1	4	3	5	4				3	3	9	8	8	9	4	Ī
IV.	Changes in inventories (+/- Accounting Group 61)	06																						
V.	Own work capitalised (Accounting Group 62)	07					1	7	9	8	8	6	1					1	9	3	7	3	5	
VI.	Revenues from the sale of non-current intangible assets, non-current tangible assets and raw materials (641, 642)	08					3	3	3	0	6	0	2					1	5	8	7	2	1	
VII.	Other operating revenues (644, 645, 646, 648, 655, 657)	09			1	7	3	8	4	9	8	1	5			2	0	6	9	3	1	4	0	
	Total operating expenses (I. 11 + I. 12 + I. 13 + I. 14 + I. 15 + I. 20 + I. 21 + I. 24 + I. 25 + I. 26)	10			1	9	9	7	6	7	2	9	6			2	2	8	8	3	9	1	5	
A.	Costs of the acquisition of merchandise sold (504, 507)	11																						
В.	Consumed raw materials, energy and other non- inventory supplies (501, 502, 503)	12					6	9	3	4	3	0	4					7	6	9	1	7	5	
C.	Provisions for inventories (+/-) (505)	13						-	3	7	7	4	7					-	5	0	2	2	0	
D.	Services (Accounting Group 51)	14				4	8	1	6	3	0	7	1				3	4	9	6	1	0	8	
E.	Total personnel expenses (l. 16 to l. 19)	15				2	6	5	4	9	3	2	3				2	5	6	6	2	7	1	
E.1.	Wages and salaries (521, 522)	16				1	6	1	8	0	6	9	3				1	6	6	5	8	7	6	
2.	Remuneration of members of company bodies and co-operative (523)	17						2	1	6	7	9	4						2	1	8	5	9	
3.	Social insurance expenses (524, 525, 526)	18					6	8	9	4	8	9	7					6	9	3	6	4	3	
4.	Social expenses (527, 528)	19					3	2	5	6	9	3	9					1	8	4	8	9	1	
F.	Taxes and fees (Accounting Group 53)	20					2	5	8	5	0	0	1					2	5	8	5	8	5	
G.	Amortisation and depreciation, and provisions for non- current intangible and non-current tangible assets (I. 22 + I. 23)	21				1	4	3	2	1	7	7	1				1	4	3	5	2	0	1	
G.1.	Amortisation and depreciation of non-current intangible and non-current tangible assets (551)	22				1	7	3	7	9	1	5	7				1	7	5	8	0	3	6	j
2.	Provisions for non-current intangible and non-current tangible assets (+/-) (553)	23				-	3	0	5	7	3	8	6				-	3	2	2	8	3	5	ĺ
H.	Net book value of non-current assets and raw materials sold (541, 542)	24							2	4	1	1	0						5	8	3	5	3	ĺ
I.	Provisions for receivables (+/-) (547)	25									8	6	3									1	1	j
J.	Other operating expenses (543, 544, 545, 546,548, 549, 555, 557)	26			1	0	1	2	2	6	6	0	0			1	4	3	5	0	4	2	9	
	Operating profit or loss (+/-) (I. 02 - I. 10)	27				1	9	7	5	9	9	4	7				1	5	6	3	6	5	8	ĺ

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	Income Statement	,				ī						ıčc															_
	Úč POD 2 - 01	DIČ 2	0	2	2 0	3	6	5	9	9		IČO	3	5	9			0	2	4			Ш	Ш	Ш	Ш	
Descript ion a	ltem D				Line			Cı	ırren	t Re	port 1	ing F	Perio	d		Acti		med	diate	ly-P	rece	edinç 2	g Re	port	ing	Peri	iod
	Added value (I. 03 + I. 04 + I. (I. 11 + I. 12 + I. 13 + I. 14)	. 05 + I. 06	6 + I. (	07) -	28	T	Т	١.	1	2	7	1	2	8	0	2		ī		-	6	1	9	3	5	2	2
-	Total revenues from financii + 1. 31 + 1. 35 + 1. 39 + 1. 42 +			. 30	29	t	Ť	T	T	1	1	6	5	0	5	7	П		П	П	1	2		0	3	9	5
VIII.	Revenues from the sale of se ownership interests (661)	curities an	nd		30	t	Ī																				Ī
IX.	Total revenues from non-curre (I. 32 to I. 34)	ent financi	ial ass	sets	31																						
IX.1.	Revenues from securities and interests from group companie Revenues from securities and own	es (665A)		ithin a	32	L		L																			
2.	participating interest except for reve companies (665A)	enues from	group		33	L	<u> </u>			Ш						Ш				Ш							
3.	Other revenues from securitie interests (665A)				34	L								Ш	Ш	Ц				Ш	Ц	Ш					L
X.	Total revenues from current final 38)				35	L								Ш								Ш					L
X.1.	Revenues from current financial companies (666A)			up	36									Ш								Ш					
2.	Revenues from current financial participating interest except for re companies (666A)			oup	37																						
3.	Other revenues from current f (666A)	financial as	ssets		38		I																				
XI.	Interest income (I. 40 + I. 41)				39					1	1	6	5	0	5	3					1	2	8	0	3	9	5
XI.1.	Interest income from group co	ompanies	(662/	<b>A</b> )	40																						
2.	Other interest income (662A)				41	L				1	1	6	5	0	5	3					1	2	8	0	3	9	5
XII.	Foreign exchange gains (663)				42									Ш		4						Ш					
XIII.	Gains on revaluation of securi from derivative transactions (6		eveni	ues	43																						L
XIV.	Other revenues from financing				44	L										Ц											L
-	Total costs of financing acti + I. 48 + I. 49 + I. 52 + I. 52 +			. 47	45	L	L						7	5	4	0								1	6	7	1
K.	Securities and ownership inter	rests sold	(561)	)	46	L										Ц											
L.	Expenses related to current fir	nancial as	sets	(566)	47	L	_			Ш				Ш	Ш	Ц	Ш				Ш	Ш		Ш	Ш		
M.	Provisions for financial assets (+	·/-) (565)			48	L	_			Ш				Ш	Ш	Ц	Ш				Ш	Ш		Ш	Ш		
N.	Interest expense (I. 50 + I. 51)	)			49	L								Ĺ	Ĺ							Ĺ					L
N.1.	Interest expense for group comp	anies (562	'A)		50	L																					L
2.	Other interest expense (562A	)			51	L																					
0.	Foreign exchange losses (563		nn		52	L								1	0	9		L							2	1	C
P.	expenses related to derivative 567)			564,	53	L																					Ĺ
Q.	Other costs of financing activit	ties (568,	569)		54		I						7	4	3	1								1	4	6	1

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Descript	ltem	Line										Act	ual									
ion a	b	С			Curre	nt K	epoi 1	rting	g Per	loa			Imme	nate	іу-Р	rece	eain 2	g Ke	por	ing	Peri	oa
	Profit/loss from financing activities (+/-) (I. 29 - I. 45)	55		Ţ	Ī	1	1	į	5 7	5	1	7				1	2	7	8	7	2	4
****	Profit/loss for the reporting period before taxation (+/-) (I. 27 + I. 55)	56		Ī	1	2 0	9	1	1 7	4	6	4			1	6	9	1	5	3	1	0
R.	Income tax (I. 58 + I. 59)	57		I	Ī	8	8		5 7	3	3	9				5	1	7	7	4	3	0
R.1.	Current income tax (591, 595)	58		I		8	8		5 7	3	3	9				5	0	5	3	0	6	4
2.	Deferred income tax (+/-) (592)	59		Ι	Ī	Ī	Τ	Ī	Ī	I							1	2	4	3	6	6
S.	Profit/loss of partnership transferred to partners (+/- 596)	60		I	Ī	Ī		Ī	Ī													
***	taxation (+/-)	61		I	Ī	1 2	0	6	6 0	1	2	4			1	1	7	3	7	8	8	0

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# Deloitte.

Deloitte Audit, s.r.o Digital Park II, Einsteinova 23 Bratislava 851 01 Slovak Republic Tel.: +421 2 582 49 111 +421 2 582 49 222 deloitte SK@deloitte CE.com

www.deloitte.sk

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Jadrová a vyraďovacia spoločnosť, a.s.

#### INDEPENDENT AUDITOR'S REPORT

To the shareholders and Board of Jadrová a vyraďovacia spoločnosť, a.s.:

We conducted an audit of the accompanying financial statements of Jadrová a wyraďovacia spoločnosť, a.s., comprising the balance sheet for 31 December 2014, the profit and loss statement for the year ending by this date, as well as notes containing a summary of significant accounting policies and methods and other explanatory information.

#### Statutory Body's Responsibility for Financial Statements

The statutory body is responsible for the preparation and true reflection of this financial statement, in line with the Slovak Act on Accounting No. 431/2002 Coll. as amended (hereinafter the "Act on Accounting") and for internal inspections that the statutory body deems necessary for the preparation of a financial statement free from major inaccuracies, whether due to fraud or error.

#### **Auditor's Responsibility**

Our responsibility is to express an opinion regarding this financial statement based on our audit. We conducted the audit in accordance with International Standards on Auditing. According to these standards, we are required to comply with ethical requirements and plan and perform the audit to obtain reasonable assurance that the financial statement is free of major inaccuracies.

An audit involves performing procedures to obtain audit evidence about the amounts and data disclosed in the financial statement. The selected procedures depend on the auditor's judgment, including the risk assessment of major inaccuracies in the financial statement, whether due to fraud or error. When assessing this risk, the auditor takes into account the company's internal inspections relevant to the preparation and truthful reflection of financial statements. The aim of the assessment of internal inspections is to design audit procedures appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the accounting unit's internal inspections. An audit also includes the evaluation of appropriateness regarding the used accounting principles and policies, and the reasonableness of accounting estimates made by the statutory body, as well as the evaluation of the financial statement's overall presentation.

We believe that the audit evidence we have obtained is a sufficient and appropriate basis for our opinion.

#### Opinion

In our opinion the financial statements give a true view of Jadrová a vyraďovacia spoločnosť, a.s.'s financial situation by 31 December 2014 in all important relations, along with the results of its operation for the year ending on the given date in accordance with the Accounting Act.

#### **Emphasis of matter**

As stated in note III.4, IV.2 and VIII.2 of the financial statements, the company used significant estimates for 31 December 2014 when accounting the provisions and claims for the future donations in relation to the disposal of nuclear facilities, spent nuclear fuel storage, and radioactive waste treatment based on the updated strategy for the final part of nuclear energy, which was approved by the Slovak government in 2014. There are uncertainties contained in the estimates of costs for the decommissioning of nuclear facilities and the associated activities, which may mean significant adjustments in terms of the financial situation and the company's economic results in the future.

Deloitte designates one or more Deloitte Touche Tohmatsu Limited companies, a UK private company limited by guarantee, and its member companies. Each of these companies represents a separate and independent legal entity.

A detailed description of the legal structure of Deloitte Touche Tohmatsu Limited and its member companies can be found at www.deloitte.com/sk/onas

As stated in note I. 1.2 and III.2, the company established the joint company Jadrová energetická spoločnosť Slovenska, a.s. along with ČEZ Bohunice, a.s., the subsidiary of ČEZ, a.s. (the main electricity producer in the Czech Republic) in order to establish a new nuclear power source. The future development and investment return in the joint company depends on the construction decision that will be adopted in the future.

Our opinion is not modified with regard to these facts.

Bratislava, 24 March 2015

Deloitte Audit s.r.o. SKAU License No. 014 Ing. Wolda K. Grant, FCCA responsible auditor SKAU License No. 921

# **ABBREVIATIONS**

AKOBOJE	Automated complex of NPP security	LRAW	liquid radioactive waste
ALARA	As Low As Reasonable Achievable  –the principle of radiation exposure	LTA	long-term tangible assets
	optimization in persons	ME SR	Ministry of Economy of the Slovak Republic
BIDSF	Bohunice International Decommissioning Support Fund	ME SR	Ministry of Environment of the Slovak Republic
DTC DAVI	3 11	NF	nuclear facility
BTC RAW	Bohunice Treatment Center of Radioactive Waste	NNF SR	National Nuclear Fund of the Slovak Republic
C-PMU	Consultant – Project manager unit	NO <sub>x</sub>	nitrogen oxides
СР	Civil protection	NPP	nuclear power plant
СР	carbon monoxide	NRA SR	Nuclear Regulatory Authority of the Slovak Republic
C <sub>org.</sub>	organic carbon	NRAWR	National Radioactive Waste Repository
CRAM	captured radioactive materials	PHA SR	Public Health Authority of the Slovak Republic
EBRD	European Bank for Reconstruction and Development	PMU	project manager unit
EC	Emergency Commission	RAW	radioactive waste
ERO	Emergency response organization	SE, a. s.	Slovenské elektrárne, joint stock company, member of the Enel group
EU	European Union	SE-EBO	Slovenské elektrárne, a.s.,
FCC	fiber-concrete container	JE-EBO	Nuclear Power Plant Bohunice (V2 NPP)
FT LRAW	Final treatment of liquid radioactive waste	SE-EMO	Slovenské elektrárne, a.s., Nuclear Power Plant Mochovce (EMO1,2)
INES	International Nuclear Events Scale	SNF	spent nuclear fuel
IRAW	institutional radioactive waste		sulfur dioxide
ISFS	Interim spent fuel storage	SO <sub>2</sub> TPT RAW	
<b>JAVYS</b>	Jadrová a vyraďovacia spoločnosť, a.s.	ITINAW	Technologies for processing and treatment of RAW
JESS	Jadrová energetická spoločnosť Slovenska, a.s.	VLAW	very low active RAW