



2020

ANNUAL

REPORT



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MISSION

- Operation, management and decommissioning of nuclear facilities.
- Radioactive waste management and related transportation activities.
- Spent nuclear fuel management and related transportation activities.

AUTHORIZATION OF THE MINISTRY OF ECONOMY OF THE SLOVAK REPUBLIC TO PERFORM ACTIVITIES

Based on provisions of Act No. 350/2011, Coll., amending the Atomic Act No. 541/2004, Coll., the Ministry of Economy of the Slovak Republic has authorized JAVYS, joint stock company (JAVYS, a. s.), to perform activities related to the disposal of radioactive waste and spent nuclear fuel at the national level for all operators of nuclear facilities.

JAVYS, a. s., is the only company having professionally competent staff, relevant technical means, established facilities for the performance of these activities available and the company holds authorizations issued by supervisory bodies.

JAVYS, a. s., performs all activities within the meaning of the approved National Policy and National Programme of Spent Nuclear Fuel and Radioactive Waste Management in the Slovak Republic and in compliance with principles specified by EC Guideline 2011/70/Euratom.



1

SPEECH BY THE CHAIRMAN OF THE BOARD OF DIRECTORS AND THE CEO

Dear ladies, dear gentlemen.

The year 2020 was a turning year for Jadrová a vyradovacia spoločnosť in many areas from the point of view of achieving demanding objectives related to strategic company tasks, but also of the COVID-19 global epidemic impact. Our company has achieved several significant milestones in decommissioning processes, but, no doubt, the global pandemics affected the company performance as well. The occurred situation required to apply new managerial approaches, a new company vision and strategy, but also new trends in the area of communications.

All changes must have been implemented within short time periods and, at the same time, they must have reflected expectations by partners on the energy market. However, I am convinced that, in spite of those demanding conditions, JAVYS, a. s., confirmed its irreplaceable position in the area of the back end of nuclear power engineering in the year 2020 as well and provided all activities on high professional, technical and safety levels. The company



perceived sensitively all actual changes, new market needs, partners' expectations, but also global trends in areas of environment protection and radioactive waste management. The build-up of the company that wishes to strengthen the environment protection is a part of our new strategic vision that is closely associated with the enforcement of effective solutions and particular steps and measures in practice our company defined in the year 2020.

Jadrová a vyradovacia spoločnosť, a. s., is a joint stock company with the 100 % state ownership that exercises its shareholder rights by means of the Ministry of Economy of the Slovak Republic and its main mission is to perform activities within the meaning of the approved National Policy and the National Programme for the Management of Spent Nuclear Fuel (SNF) and Radioactive Waste (RAW). In the year 2020, JAVYS continued to provide additional services resulting from concluded servicing and lease contracts to third parties as well and I am pleased that, in spite of the demanding situation, the company provided professionalism, quality and guaranteed professional approach. Especially, when the company has been acting in a competitive environment compared with major players for a short time period and competing with naturally dominating service providers whose portfolio size is incomparable.

Both the responsible approach by the company management in actual conditions and the development in the area of providing commercial services were also reflected in the area of company economic activities. As to 31 December 2020, the company achieved the pre-tax economic result amounting to €7,953,190 and the post-tax economic result amounting to €4,382,359. The operational economic result was reported in the amount of €12,815,648. In the year 2020, the major JAVYS, a. s., activities were covered by funding



provided from the National Nuclear Fund, by funding provided from BIDSF, SIEA and from revenues and returns obtained from commercial activities. The economic results achieved are given in the financial statements that were audited by an independent auditor without any reservations.

During the preceding year, JAVYS carried on in areas of major decommissioning processes, including the decommissioning of two oldest nuclear power plants in Slovakia, i. e., A1 NPP and V1 NPP, continuously reducing the radioactivity inventory reduction through the decontamination and dismantling of technological equipment, systems and civil structures of the plants being decommissioned.

Planned A1 NPP decommissioning activities continued to be performed in the form of the reactor coolant system technological equipment decommissioning in compliance with the work time schedule resulting from the A1 NPP Decommissioning Plan, Stages III and IV, approved by relevant state administration authorities. Those stages include such activities as the decommissioning of technological equipment that were used in the past to prepare spent nuclear fuel for the transport, the decommissioning of two steam generators, or of oil management systems for turbo compressors. The action plan was fulfilled to the full extent and with the adherence to principles of nuclear safety, radiation protection, occupational health and safety, fire protection and environment protection.

In the V1 NPP Decommissioning Project implementation area, the implementation of key D4.2 project *”Dismantling of Reactor Coolant System Large Components”* continued mainly in the year 2020, its main objective being the dismantling of the most contaminated equipment within the premises of the radiation controlled area of the V1 NPP Main Production Building. No doubt, it is also worth

noting that all four wet cutting workplaces were commissioned in the year 2020. The *”Dismantling of Systems in V1 NPP Controlled Area – Part 1”* project was implemented concurrently. In parallel to dismantling activities, the demanding process continued to manage and transport radioactive waste produced and to release materials meeting the release criteria into the environment.

The initiation of the BIDSF Program projects implementation progress review in order to assess responsibly the determined Program completion deadlines in 2025, or to prepare justifications for postponements of the deadlines to additional specific deadlines, respectively, was a significant 2020 milestone.

The radioactive waste management area is implemented using technological lines in nuclear facilities in Jaslovské Bohunice and Mochovce. Low-level radioactive waste treated in RAW PTT and FP LRAW nuclear facilities are subsequently processed, and treated cementation, in fibre concrete containers and transported to the National Radioactive Waste Repository in Mochovce.

In the year 2020, 394 fibre concrete containers were stored in 2nd double-row of disposal boxes in the National Radioactive Waste Repository. After the spent nuclear fuel produced in reactor units of nuclear power plants in the Slovak Republic achieves determined parameters, it is transported and stored in the JAVYS Interim Spent Fuel Storage for long time periods. In the year 2020, 296 spent fuel assemblies were transported from the V2 NPP and EMO NPP.

The nuclear safety area is extraordinarily important to our company and I am pleased that the year 2020 was successful for us as well. In the year 2020 nuclear facilities were operated in compliance with applicable and current safety documentation approved by



supervisory bodies of the Slovak Republic without any violation of Technical Specifications (Limits and Conditions of Safe Operation or Decommissioning, respectively). 38 inspections were performed at workplaces of our company by NRA SR inspectors in the year 2020. Neither any fire, nor any operational event was recorded in our company in the year 2020 that would be reportable to supervisory bodies.

In spite of the pandemic situation all over the world and its unfavourable impact on international activities, the implementation of commercial projects also continued within the meaning of seven signed contracts and two completed ones. However, primary attention was also paid to this area by both the public and shareholder that resulted in the temporary suspension of concluding new contracts.

The area of communications is also significant and of priority for our company in the long term. In spite of the demanding situation restricting personal meetings in the preceding year, our company attempted to provide all information within a sufficient extent to both its staff members and the public using up-to-date tools so that the public were certain that our activities endanger neither the public health, nor the environment.

In this connection, I would like to emphasize that our nuclear facilities were operated in compliance with valid and current safety documentation in the year 2020 as well and no violation of Technical Specifications occurred; our company informed both the public and self-government representatives thereof. With regard to the amount of dynamic changes, special attention was required by communications with our social partners and I am pleased that the

communications were constructive and correct, accompanied with willingness to search for and receive compromises and optimum solutions.

As I stated at the beginning of the address, the year 2020 required a lot of changes, new solutions, but also rationalisation measures in the interest of more effective, more dynamic and more up-to-date setting of the company.

That is why, allow me to express my thanks to all staff members that, in spite of extraordinarily demanding conditions and continually changing pandemic measures, we have managed together this demanding way without any operational restrictions and serious consequences.

Pavol Štuller, MBA



2

COMPANY BODIES

THE BOARD OF DIRECTORS

Chairman

JUDr. Vladimír Švigár (by 21 June 2020)

Pavol Štuller, MBA (since 22 June 2020)

Vice-chairman

Ing. Anton Masár (by 21 June 2020)

JUDr. Vladimír Švigár (since 22 June 2020)

Members

Ing. Ján Horváth

Ing. Miroslav Božik, PhD.

Ing. Tomáš Klein (by 23 June 2020)

EXERCISE OF SHAREHOLDER RIGHTS

Jadrová a vyradovacia spoločnosť, joint stock company (JAVYS, a. s.), exercises its shareholder rights in Jadrová energetická spoločnosť Slovenska, joint stock company, a joint venture with a foreign shareholder, where 51 % of stock of Jadrová energetická spoločnosť Slovenska, joint stock company, is owned by JAVYS, a. s., and 49 % of stock of Jadrová energetická



THE SUPERVISORY BOARD

Chairman

RNDr. Ing. Pavol Švec, CSc.

Vice-chairman

JUDr. Eva Polerecká

Members

Mgr. Adrián Iványi

Ing. Ján Dudášik

Ing. Róbert Szűcs

RNDr. Roman Jakubec

Ing. Marián Vrtoch

Ing. Daniel Vašina

spoločnosť Slovenska, joint stock company, is owned by the Czech Power Group ČEZ. By establishing Jadrová energetická spoločnosť Slovenska, joint stock company, a space was created to prepare the new nuclear source construction project in Jaslovské Bohunice, with the company activities being governed to the full extent by the Commercial Code and Company Statutes provisions in force.

3

ORGANIZATIONAL STRUCTURE AND HUMAN RESOURCES

ORGANIZATIONAL STRUCTURE



HUMAN RESOURCES

As to 31 December 2020, JAVYS, a. s., was employing 869 staff members, which is by 3 staff members more compared with the headcount as to the same period of last year.

Staff structure

	As to 31 Dec. 2020	Share in %
Workers	192	22.10
Technical-administrative staff	677	77.90
Total	869	100.00

Staff structure by education level

	As to 31 Dec. 2020	Share in %
Elementary	1	0.12
Secondary	534	61.45
University	334	38.43
Total	869	100.00

STAFF TRAINING AND EDUCATION

JAVYS, a. s., the holder of the licences to operate and decommission nuclear facilities, defines, within the meaning of legal regulations, the following in its management documentation: the staff professional training system resulting from the Professional Training Policy where the main company objective is specified as follows:

Prepare and maintain competent staff to ensure safe, reliable, ecological and economical operations of company nuclear facilities, in spirit of safety culture principles and ALARA principles.

Jadrová a vyradovacia spoločnosť, a. s., approaches to the development of human resources within the meaning of planned and approved staff education and training development concepts to implement specific operation and decommissioning activities on nuclear facilities.

In the year 2020, this objective was inspected by state supervision bodies in the area of staff education and training, incompliance with Act No. 541/2004, Coll., (Atomic Act) and Ordinance of NRA SR No. 52/2006, Coll., on Professional Competence, as amended by Ordinance No. 34/2012, Coll., and Ordinance No. 410/2019, Coll. The professional training was implemented within the meaning of yearly professional training time schedules.

The main priority of the professional training for professional activities was to meet requirements specified by Act No. 124/2006, Coll., Ordinance of the Ministry of Labour, Social Matters and Family of

the Slovak Republic No. 508/2009, Coll., and other legal regulations aimed at safe course of working activities on nuclear facilities. Motivation tools by the Employer and the “professional development” initiative by staff member lead to the improvement of company staff qualifications.

In connection with the development of situation related to COVID-19 virus disease dissemination and counter epidemic measures taken, the staff education and professional training were provided so that the company objective was achieved successfully. JAVYS, a. s., nuclear facilities were operated by competent staff members who provided safe, reliable, ecological and economical operations, without endangering nuclear and classical safety of nuclear facilities.

4 STRATEGY AND QUALITY ASSURANCE

STRATEGY

The JAVYS, a. s., strategy is to fulfil the company vision and mission while respecting the Energy Security Strategy of the Slovak Republic and the National Policy and the National Programme for the Management of Spent Nuclear Fuel and Radioactive Waste in the Slovak Republic, wherein the JAVYS, a. s., strategy implementation was going on in the following areas in the year 2020:

a) RAW, SNF, IRAW and RMUO Management

Activities were performed in relation to RAW, SNF, IRAW and RMUO management in compliance with the National Policy and the National Programme for the Management of Spent Nuclear Fuel and Radioactive Waste in the Slovak Republic and with the Complex Programme for the Management of RAW and SNF in JAVYS, a.s.

b) A1 NPP Nuclear Facility Decommissioning

Tasks related to the safe, effective and reliable A1 NPP decommissioning were performed in compliance with the National Policy and the National Programme for the Management of Spent Nuclear Fuel and Radioactive Waste in the Slovak Republic, with the A1 NPP Decommissioning Plan, Stages III and IV, and with the decommissioning concept for the period after the end of the licensing stage.

c) V1 NPP Nuclear Facility Decommissioning

Tasks related to the safe, effective and reliable V1 NPP decommissioning were performed in compliance with the V1 NPP Decommissioning Plan, Stage II, with the V1 NPP Decommissioning Strategy, with the Detailed Decommissioning Plan and with JAVYS, a. s., planning documents and in compliance with the Draft National Policy and the National Programme for the Management of Spent Nuclear Fuel and Radioactive Waste in the Slovak Republic.

d) Company Development

Activities were performed related to preparations and implementation of approved investment projects and with actions leading to the expansion of SNF storage capacities, as well as to the facility of the metallic RAW re-melting workplace.

e) Finance and Services

In compliance with the economically stable company strategy, EBITDA performance was provided on the level specified in the

Business Plan and Financial Budget for the year 2020. Likewise, the following were provided in compliance with the approved IT Development Action Plan: the innovation of access security elements, the optimization/replacement of production IT infrastructure elements, back-up data de-duplication technologies were installed and GDPR measures were taken gradually in the IT environment of JAVYS, a. s.

f) Company Governance

Within this area, the JAVYS, a. s., effective company governance system was being developed, in compliance with the approved V1 NPP and A1 NPP Decommissioning Strategy Concept and with the Draft National Policy and the National Programme for the Management of Spent Nuclear Fuel and Radioactive Waste in the SR, the goodwill of JAVYS, a. s., was being built up as a trustworthy company placing emphasis on the protection of public health and environment, while the occupational health and safety system management level was also improved and continuously enhanced in order to restrict potential health threats due to technological processes, technical equipment, human activities and working environment.

g) International Commercial Activities

In the year 2020, the company continued the implementation of commercial projects, as well as the successful acquisition of foreign commercial activities in order to establish conditions to increase JAVYS, a. s., revenues.

QUALITY ASSURANCE

In the year 2020, JAVYS, a. s., defended the validity of certificates issued in compliance with the following standards: ISO 9001:2015 for the Quality Management System and ISO 14001:2015 for the Environmental Management System and ISO 45001:2018 for the

Occupational Health and Safety System. The certificates are valid for following focus area: „Decommissioning of Nuclear Facilities and Management of Radioactive Waste, Institutional Radioactive Waste, Radioactive Materials of Unknown Origin and Spent Nuclear Fuel“. The provision of certificates for the year 2021 confirms the correctness of JAVYS, a. s., moving towards continuous quality improvement and helps consolidate its position on both the national and international markets of nuclear services and achieve its overall better perception by the public.

JAVYS, a. s., also possesses a certified IT Services Management System in compliance with standard ISO/IEC 20000-1:2011 „Information Technology – Service Management – Service Management System Requirements“ for the focus area of „Service Management System of the Department of Informatics and Telecommunications, supporting the provision of office and supporting information services within the whole company, in compliance with the Catalogue of Services“. In the year 2020, intensive preparations were under way for the recertification of this management system, in compliance with the revised standard ISO/IEC 20000-1:2018. The recertification audit is scheduled for the first quarter of 2021.

It is a long-term JAVYS, a. s., intention to present itself as a trustworthy company performing activities related to the decommissioning of nuclear facilities and management of radioactive waste, institutional radioactive waste, radioactive materials of unknown origin and spent nuclear fuel on a high qualitative level with the maximum emphasis on occupational health and safety of staff and population of the region, as well as on the environment protection. The acquisition of the certificates also testifies about the fact that the company functions and implements its mission within the framework of internationally recognized standards and is managed in a safe manner.



5 YEAR IN BRIEF

16 JANUARY

Amendment 2 to the Corporate Collective Agreement between Jadrová a vyradovacia spoločnosť, a. s., and trade union organizations – the Basic Organization of Association of Trade Unionists of Nuclear Power Engineering of Slovakia and the Alternative JAVYS Trade Unions was concluded during a common meeting.

27 JANUARY

A working meeting was held in the JAVYS, a. s., Information Centre in Jaslovské Bohunice between the company management and ZMO (Association of Cities and Municipalities) Council members from the Jaslovské Bohunice region and representatives of concerned municipalities related to the tour of the incineration plant technological system.

18 MARCH

Within the framework of COVID-19 disease dissemination risk minimization measures, based on a decision made by the Company Crisis Staff, activities related to radioactive waste management and A1 and V1 Nuclear Power Plants decommissioning were temporary suspended. The activities were resumed on 1 April 2020, in compliance with the adherence to the current COVID-19 disease dissemination risk minimization measures.



29 APRIL

DNV GL company auditors verified the meeting of requirements specified by standard ISO/IEC 20000-1 Information Technology (IT) Service Management System Requirements. JAVYS, a. s., defended the quality of IT services provided and became the ISO/IC 20000-1 certificate holder.

30 MAY

The transport of the pressure vessel from the Unit 1 reactor pit to the wet fragmentation pool became an important milestone of the V1 NPP decommissioning.

8 JUNE

The second steam generator, PG15, was transported to the newly built-up dry cutting workplace in the V1 NPP Machine Hall, following the successful cutting-up of the first steam generator, PG11.

22 JUNE

The MEc SR, as sole JAVYS, a. s., shareholder, exercising authority of the General Assembly, elected Mr. Pavol Štuller, MBA, a member of the Board of Directors and, at the same time, appointed him the Chairman of the JAVYS, a. s., Board of Directors. JUDr. Vladimír Švigár was appointed the Vice-Chairman of the JAVYS, a. s., Board of Directors.



23 SEPTEMBER

The site wide emergency exercise ‘Dub 2020’ (‘Oak 2020’) was held on the nuclear power engineering complex site in Jaslovské Bohunice focused on the verification of activities performed by the JAVYS, a s., Emergency Response Organization, as well as of procedures to identify, classify, localize and remove consequences of simulated events. 779 persons participated.

24 SEPTEMBER

During the V1 NPP decommissioning, additional technically unique operation was implemented when the first fragment was cut out of the Unit 1 reactor pressure vessel.

8 OCTOBER

Mr. Boris Kollár, the Chairman of the National Council of the Slovak Republic, and Mr. Richard Sulík, the Minister of Economy of the Slovak Republic, paid a visit to JAVYS, a. s., nuclear facilities in Jaslovské Bohunice.

2, 3, 9 – 11 NOVEMBER

DNV GL certification company auditors reviewed the meeting of requirements specified by standards ISO 9001:2015 for the Quality Management System, ISO 14001:2015 for the Environmental Management System and ISO 45001:2018 for the Occupational Health and Safety Management System during 2nd periodical audit. JAVYS, a. s., defended the validity of the certificates in compliance with the above mentioned standards.



3 DECEMBER

A festive award ceremony was held for “Significant Piece of Knowledge from Practice” contest winners with the participation of Mr. Pavol Štuller, MBA, the JAVYS, a. s., General Director. The zero edition of the contest was aimed to support critical and creative attitudes of all staff members in relation to their own work and, last but not least, to all JAVYS, a. s., activities, and to record them for future generations.

2020

JAVYS, a. s., provided 5 cases where radioactive materials of unknown origin were captured. They were especially various parts of agricultural technology and dials of older measuring instruments.

JAVYS, a. s., transported 296 fuel assemblies of spent nuclear fuel from the V2 NPP in Jaslovské Bohunice and NPP in Mochovce to the Interim Spent Fuel Storage in Jaslovské Bohunice. The spent nuclear fuel transport and management is one of areas performed and provided by JAVYS, a. s., as a service for Slovak Power Plants, j. s. c. (Slovenské elektrárne, a. s.).

Within the framework of COVID-19 disease dissemination risk minimization measures, JAVYS, a. s., provided the staff testing using RT-PCR tests. Antigen tests were also used to verify the current situation and in inevitable cases.

6

DECOMMISSIONING OF NUCLEAR FACILITIES

V1 NPP DECOMMISSIONING

The decommissioning of nuclear power plant in Jaslovské Bohunice, i. e., two V1 NPP reactor units, is scheduled in two stages from 20 July 2011 to 31 December 2025 by means of partial projects. The objective of the V1 NPP decommissioning is to achieve the exemption of the nuclear facility from the scope of application of the Atomic Act by means of the dismantling of equipment, demolitions of buildings, management of waste originating from the V1 NPP decommissioning, safe disposal of radioactive waste (RAW) in the National Radioactive Waste Repository in Mochovce, or their safe storage in the Integral Radioactive Waste Storage on the Jaslovské Bohunice site. The V1 NPP site will be released for industrial use after the decommissioning is completed.

The Nuclear Regulatory Authority of the Slovak Republic (NRA SR) issued Decision No. 900/2014 of 23 December 2014, the implementation of Stage II of the V1 NPP nuclear facility decommissioning started in 2015. The decision included permission to manage radioactive waste and per-mission to manage nuclear materials in the V1 NPP nuclear facility.

During the year 2020, the implementation of V1 NPP decommissioning activities continued within the meaning of the Plan for Stage II of the Decommissioning and in accordance with the concerned decision of the Nuclear Regulatory Authority of the Slovak Republic for Stage II of the V1 NPP decommissioning.

MAIN V1 NPP DECOMMISSIONING ACTIVITIES IN THE YEAR 2020

- locking and disconnection of systems,
- implementation of projects:
 - support surveys for the V1 NPP decommissioning,
 - dismantling of unnecessary equipment and systems,
 - decontamination of reactor coolant system equipment prior to their dismantling,
 - dismantling of equipment and large components of the reactor coolant system at both the V1 NPP reactor units,
 - modifications of the power plant and changes in equipment and systems used during the V1 NPP decommissioning,
- management of radioactive, conventional and hazardous wastes,
- preparation of technical documentation and procurement documentation for projects of the V1 NPP decommissioning, Stage II.

From the point of view of the implementation of the overall V1 NPP Decommissioning Project and the provision of continuity of the V1 NPP decommissioning, the implementation of key D4.2 project "Dismantling of Reactor Coolant System Large Components" continued in the year 2020, its main objective being the dismantling of the

most contaminated equipment (reactor pressure vessels at both the reactor units, steam generators, reactor coolant pumps, reactor coolant system pipelines and other technological components) and liners within the premises of the radiation controlled area of the V1 NPP Main Production Building. The implementation was focused especially on the continuation of dismantling, fragmentation and decontamination of V1 NPP equipment.

As to 31 December 2020, the total of 1,100.1 tonnes of materials have been released into the environment since dismantled contaminated metallic materials began to be treated using the V1 NPP fragmentation and decontamination equipment. During the year 2020, all four wet cutting workplaces were commissioned. The fragmentation of the Unit 1 reactor core basket, of the Unit 2 reactor pressure vessel head and of all absorber pieces was completed.

In the year 2020, the fragmentation of the Unit 2 protective tube block, of the Unit 1 reactor pressure vessel and of the fourth steam generator, PG14, was commenced. In parallel, the dismantling of contaminated components in V1 NPP Units 1 and 2 steam generator compartments, of liners from the V1 NPP reactor coolant system confinement and the operation of dry fragmentation workplaces were going on. By 31 December 2020, total of approximately 3,600 m² of liners from the V1 NPP reactor coolant system confinement had been removed.

In parallel with the project, the D4.4B project “*Dismantling of Systems in the V1 NPP Radiation Controlled Area – Part 1*” was being implemented successfully the overall completion of which is assumed in March 2021. The implementation of the D4.4C.01 project “*Dismantling of Systems in the Radiation Controlled Area – Part 2, Sub-Project D4.4C.01*” and of other related projects was going on. Another implemented project D4.1.3, “*Modification of Power Plant and Assembly of New Equipment*”

is aimed at inevitable modifications of the Reactor Building, Active Auxiliary Building for the needs of decommissioning and removal of dependence between the Interim Spent Fuel Storage and the V1 NPP, being decommissioned, by means of building replacement facilities.

In parallel with the dismantling activities, the demanding process of managing radioactive waste produced, their transport and release of materials meeting release criteria into the environment, was running continually.

PREPARATION OF PERIODIC DOCUMENTS

In connection with the V1 NPP decommissioning project management in compliance with the European Union requirements and in accordance with Council Regulation (EURATOM) No. 1368/2013 of 13 December 2013, JAVYS, a. s., prepared the following periodic documents during the year 2020:

- **Monitoring Reports for the Bohunice Programme (assessment period 7 – 12/2019 and 1 – 6/2020)**

Since 2015, monitoring reports have been prepared regularly twice a year where the progress in the V1 NPP decommissioning is assessed for the monitored time period. The documents serve to the Monitoring Commission to compare planned objectives from the relevant work plan with results achieved for the monitored time period.

- **Work Plan for the Bohunice Programme (for the year 2021)**

The document sets out objectives, planned data necessary for calculations of V1 NPP decommissioning performance indicators and the time schedule of absorbing funds for calendar year 2021. The document will serve as a background material for the European Commission to monitor the progress in the V1 NPP decommissioning for calendar year 2021.

MONITORING AND AUDIT

In the year 2020, all JAVYS, a. s., meetings with the European Bank for Reconstruction and Development, the Slovak Innovative and Energy Agency and the European Commission were organized, in the form of video conferences due to measures to prevent from the COVID-19 disease transport and dissemination. Regular sessions of European Commission representatives were held in March and November 2020 to monitor the progress in the V1 NPP decommissioning.

BOHUNICE PROGRAMME

V1 NPP decommissioning activities are co-financed from the EU Financial Assistance Programme for measures related to the V1 NPP decommissioning through Bohunice International Decommissioning Support Fund (BIDSF Fund). The BIDSF funds intended for implementation of individual V1 NPP decommissioning projects are absorbed on the basis of grant agreements concluded between JAVYS, a. s., and the European Bank for Reconstruction and Development (EBRD). The signing of agreements themselves is preceded by preparation of documentation to individual projects when JAVYS, a. s., as the beneficiary of BIDSF fund financial assistance, identifies the individual projects at first, proposes methods of their technical implementation and funding, presents them during meetings of the SR-EBRD Joint Committee and, finally, defends them by means of the Programme Coordinator (the Ministry of Economy of the Slovak Republic) during the Assembly of BIDSF Contributors session that is held twice yearly. As to the end of 2020, JAVYS, a. s., had 18 signed grant agreements

with EBRD available in the total amount of €484,055,065 to finance V1 NPP decommissioning projects.

In August 2016, activities of national implementation authority for the V1 NPP decommissioning – the Slovak Innovation and Energy Agency (SIEA) – were commenced. SIEA represents a parallel way of funding V1 NPP decommissioning projects by EU funds, in addition to funding by means of the EBRD Implementation Authority (BIDSF fund). Since 2016, the EU funds for the Bohunice Programme have been reallocated between two above mentioned implementation authorities. Cumulatively, EU funds amounting to €160,941,000 have been allocated for the benefit of SIEA since the commencing of its activities by 31 December 2019. Out of funds allocated in this manner, EU used amount was signed between JAVYS, a. s., and SIEA for D4.4C.01 project „Dismantling of Systems in V1 NPP Controlled Area – Part 2” amounting to €26,296,000. In December 2019, another grant agreement was signed between JAVYS, a. s., and SIEA for D4.7.01 project „Decontamination and Demolition of V1 NPP Buildings and Site Reinstatement“, amounting to €159,363,000. The D4.7.0.1 project grant is split into the following stages: Stage 1 (€63,292,000), Stage 2 (€61,601,000) and Stage 3 (€34,470,000), wherein the Stage 3 funds will be allocated from EU to SIEA based on the amount of the tendered sum after the grant agreement is signed.

Projects to which grants were awarded from EU funds in the year 2020

- C8-B.02 project „Temporary Storage of Materials from the V1 NPP Decommissioning”
- D0 Project „Decommissioning Program Implementation Using Human Resources Available at the Bohunice V1 NPP” (for the year 2021)

Costs and Funds to Cover the V1 NPP Decommissioning for the Period from 7/2011 to 2020 (€)

V1 NPP	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
Total costs (operational and investment)	26,070,182	46,307,673	44,523,089	67,078,417	51,745,947	45,853,912	54,175,036	79,068,141	74,914,253	61,387,600	551,124,250
Coverage funds											
NNF including depreciation	7,835,280	7,868,682	17,556,993	19,482,985	17,821,832	17,216,178	17,312,759	16,526,358	18,632,371	20,833,705	161,087,143
BIDSF incl. DO and depreciation	10,936,129	25,448,338	25,774,314	46,605,562	32,389,849	27,853,127	35,817,132	62,521,164	55,120,621	39,972,926	362,439,162
JAVYS, a. s.	7,298,773	12,990,653	1,191,782	989,870	1,534,266	784,606	1,045,145	20,619	1,161,261	580,969	27,597,945
Total funds	26,070,182	46,307,673	44,523,089	67,078,417	51,745,947	45,853,912	54,175,036	79,068,141	74,914,253	61,387,600	551,124,250
Out of that: Slovak funds	15,134,053	20,859,335	18,748,775	20,472,855	19,356,098	18,000,784	18,357,904	16,546,977	19,793,632	21,414,674	188,685,087

% of financing for the V1 NPP decommissioning from Slovak funds: 34.8 %

Contracts Concluded for the BIDSF Projects in the year 2020

During the year 2020, no contract with a supplier was concluded.



Projects under Implementation during the Year 2020

Project code	Project name	Course of implementation
A1.10	PMU Consultant (Stage 10)	01/2019 – 03/2021
B6.6A	Decommissioning Support Surveys	03/2017 – 03/2022
C7 – A4	Metallic RAW Remelting Facility	09/2016 – 03/2021
D0	Implementation of the Decommissioning Programme Using the Human Resources Available at Bohunice NPP	01/2020 – 12/2020
D4.1	Modification of the Plant and Facility of New Equipment	02/2017 – 09/2021
D4.2	Dismantling of Reactor Coolant System Large Components	10/2017 – 12/2022
D4.4B	Dismantling of systems in V1 NPP controlled area – Part 1	09/2017 – 03/2021
D4.4C.01	Dismantling of Systems in V1 NPP Controlled Area – Part 2, subproject D4.4.C.01	08/2019 – 02/2025

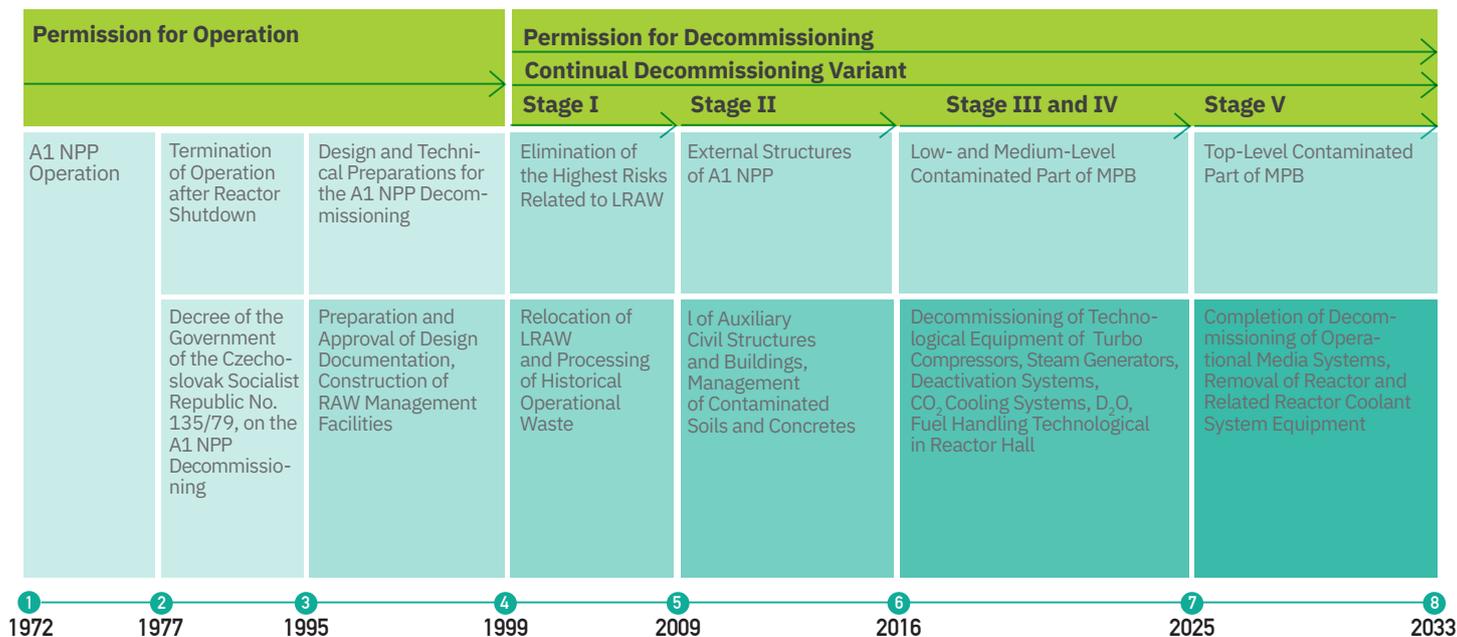
As to 31 December 2020, the total of 61 of V1 NPP decommissioning projects were completed, 8 projects were under implementation and 1 project was under preparations for the procurement.

A1 NPP DECOMMISSIONING

The A1 NPP decommissioning is implemented in compliance with EIA process and the National Policy and the National Programme for the Management of Spent Nuclear Fuel and Radioactive Waste in the Slovak Republic. The A1 decommissioning is divided into five consecutive stages, with the completion of the A1 NPP decommissioning scheduled for 2033. The implementation of Stage I of the A1 NPP decommissioning was commenced in 1999 and it was completed in 2009. Since 2009,

the A1 NPP decommissioning had continued by Stage II which was completed as to 30 September 2016, after the achievement of all the determined objectives specified in the permission documentation approved by state administration bodies. Since 1 October 2016, the continuous process of the A1 NPP decommissioning has proceeded by Stages III and IV within the meaning of the permission documentation approved by the state administration bodies.

A1 NPP Decommissioning Timeline





The subject of the running A1 NPP decommissioning Stages III and IV includes the decommissioning of the reactor coolant system technological equipment, the technological equipment used in the past to prepare spent nuclear fuel for the transport, two steam generators, the oil management systems for turbo compressors, the heavy water management system technological equipment, the CO₂ management system, the reactor coolant system technological equipment cooling system and other connected and related technological equipment found within the A1 NPP Main Production Building. The A1 NPP decommissioning Stages III and IV also include the continuation of processing the radioactive waste originating from the decommissioning and the historical radioactive waste.

In compliance with objectives of the A1 NPP decommissioning Stages III and IV, the following activities were performed in particular in the year 2020:

- processing of 28 pieces of A1 NPP SNF long-term storage caskets,
- processing of 2.0 m³ of chrompik III medium originating from the A1 NPP SNF long-term storage caskets, using VICHR (chrompik vitrification) technological line,
- processing of 3.146 m³ of sludges originating from the A1 NPP SNF long-term storage pool, 0.494 m³ of sludge phases originating from using FRAGIS II facility and 0.91 m³ of LRAW originating from D₂O pipeline systems, using SUZA (mobile fixing facility) technological line, resulting in the production of 112 pieces of 200-litre barrels with a fixed product,
- processing of 54.61 m³ of sludges from tanks in outdoor buildings, using ZFK (sludge fixing facility), resulting in the production of 695 pieces of 200-litre barrels with a fixed product,
- decommissioning of technological equipment of the following systems: the reactor coolant system cooling loops, the reactor

- coolant system, the D₂O management system, the CO₂ cooling system, of non-operated technological equipment installed in the Reactor Hall, the technological equipment related to the former hot chamber and selected premises of the transport-technological part, technological equipment in attended, storage and HVAC system premises, fragmentation and decontamination of large metallic materials within the Reactor Building,
- decommissioning of the technological equipment of the reactor coolant system equipment cooling system, the emergency condenser compartment equipment and PG3 and PG4 equipment in the Intermediate Machine Hall,
- decontamination of the austenitic liner in N1/3 N1/4 tanks of the liquid RAW disposal facility,
- decontamination of civil structural parts, the management of soils and concretes, the radioactive material monitoring, the monitoring and sanitation of ground water and percolating ground water.

By means of continuous radioactivity inventory reduction through the decontamination and dismantling of technological equipment, systems and civil structures of A1 NPP buildings being decommissioned and by means of the continuation to process radioactive waste originating from the A1 NPP decommissioning and of historical radioactive waste resulting from operations, JAVYS, a. s., implemented all planned A1 NPP decommissioning activities in the year 2020, in compliance with schedule for the year 2020, derived from A1 NPP Decommissioning Plan, Stages III and IV approved by relevant state administration authorities. The determined plan of activities for the year 2020 in A1 NPP decommissioning area, including the management of radioactive waste originating from the A1 NPP decommissioning, was fulfilled to the full extent and with the adherence to principles of nuclear safety, radiation protection, fire protection and environment protection.



7

RADIOACTIVE WASTE MANAGEMENT

Individual activities within the framework of radioactive waste (RAW) management processes were performed in the following nuclear facilities of the company, while adhering to conditions of nuclear safety, radiation protection, occupational health and safety, fire protection and environment protection:

- **RAW PTT** – Radioactive Waste Processing and Treatment Technologies in Jaslovské Bohunice,
- **FP LRAW** – Final Processing of Liquid Radioactive Waste in Mochovce,
- **NRAWR** – National Radioactive Waste Repository in Mochovce,
- **IRAWS** – Integral Radioactive Waste Storage in Jaslovské Bohunice.

RADIOACTIVE WASTE PROCESSING AND TREATMENT

The implementation of the A1 NPP and V1 NPP decommissioning processes themselves within scope of the management of radioactive waste originating from the decommissioning of those nuclear facilities, moreover, the management of radioactive waste originating from the

V2 NPP and EMO1,2 reactor units operated by Slovak Power Plants, joint stock company (Slovenské elektrárne, a. s.), as well as the management of radioactive waste originating from non-nuclear facilities, is the key task for the operation of the following nuclear facilities – the Radioactive Waste Processing and Treatment Technologies in Jaslovské Bohunice and the Final Processing of Liquid Radioactive Waste in Mochovce.

The RAW PTT nuclear facility consists of the Bohunice Radioactive Waste Treatment Centre (BRWTC), bituminisation lines, the low-level water purification plant, radioactive waste sorting workplaces, metallic radioactive material fragmentation and decontamination workplaces, used HVAC filters and used electrical cables processing workplaces. Facilities processing radioactive concentrates and saturated ionexes from EMO1,2 operations are operated in the FP LRAW nuclear facility.

Subsequently, processed low-level RAW are inserted into fibre concrete containers and treated by cementation in RAW PTT and FP LRAW nuclear facilities and transported to the JAVYS, a. s., National RAW Repository in Mochovce. In year 2020, 319 pieces of fibre concrete containers comprising RAW were processed in this manner in RAW PTT and 101 pieces of fibre concrete containers comprising RAW were processed in this manner in FP LRAW.



Overview of Amounts of Processed and Treated Radioactive Waste in 2020

Nuclear facility	Type od RAW (measuring units)	Processed amounts
RAW PTT	Combustible solid RAW (t)	84.785
	Combustible liquid RAW (m ³)	41.618
	Combactible RAW (t)	420.000
	Metallic RAW (t)	252.186
	Liquid RAO (m ³)	348.899
	Used HVAC filters (t)	15.000
FP LRAW	Liquid RAW (m ³)	109.331
	Solid RAW (m ³)	134.780

RAW TRANSPORTS

During the year 2020, 823 transports of RAW were performed in following certified transport package sets: 200 l Meva barrel, ISO container, shipping containers PK I/DOW, PK II/SLUDGES, PK III/BARRELS, PK/SK, PK/SK 2, TK 080, TK 150 and fibre concrete containers.

RAW DISPOSAL

The National Radioactive Waste Repository nuclear facility in Mochovce serves for the final disposal of treated low-level RAW (LLW) and very low-level RAW (VLLW) produced during operations

and decommissioning of nuclear facilities in the territory of the Slovak Republic, institutional RAW and radioactive materials of unknown origin.

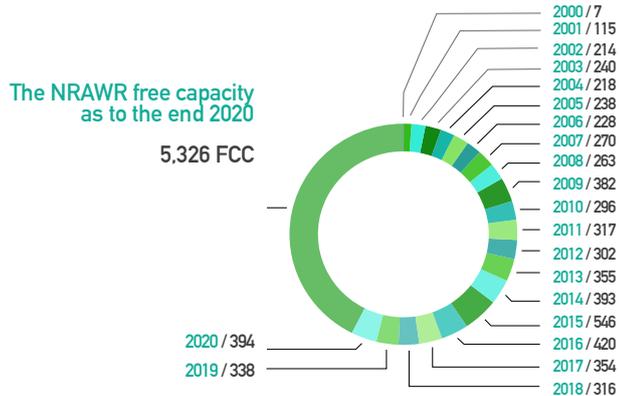
Fibre concrete containers filled-up with treated low-level RAW are finally disposed in storage boxes of operated double rows in the Repository, after their transportation from RAW PTT and FP LRAW nuclear facilities.

During the year 2020, 394 fibre concrete containers with RAW were stored in the second double-row of storage boxes.

Overview of LLW FCC Storage in NRAWR in the Year 2020

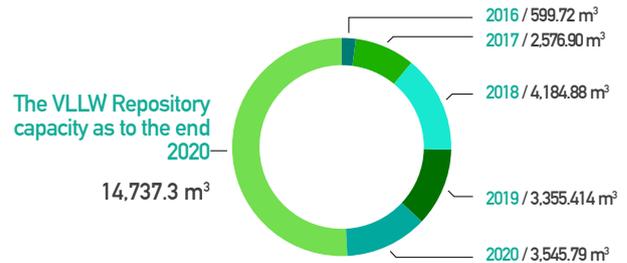
FCC storage in NRAWR (pcs)		Total number of LLW stored in NRAWR (pcs)
RAW PTT	FP LRAW	
306	88	394

Overview of NRAWR Capacity Occupation as to 31 December 2020



The total NRAWR capacity – 10,800 fibre concrete containers

Overview of VLLW Repository Capacity Occupation as to 31 December 2020



The total VLLW Repository capacity – 29,000 m³

IRAW AND RMUO MANAGEMENT

JAVYS, a. s., is an organization authorized to manage emitters and radioactive waste of unknown origin, unused emitters, and radioactive materials. In the year 2020, 6 captures of sources of ionizing radiation of unknown origin were performed, representing, for example, parts of agricultural and military equipment, or other forms of ionizing radiation sources, respectively. From their contamination point of view, radionuclides ^{60}Co (Cobalt), ^{137}Cs (Caesium) and ^{226}Ra (Radium) were especially identified. Following their identification, those radioactive materials were transported to be further managed in JAVYS, a. s., nuclear facilities, or in the IRAW and CRAM Management Facility on the Mochovce site.

In addition, based on concluded contractual relationships with individual IRAW producers, takeovers with subsequent transports and further management of IRAW were performed in the year 2020, the total IRAW weight being 1,327.9019607 kg, while 0.0296 kg out of that amount were radioactive materials. The following companies were the IRAW producers: FN Nitra, FNŠP Banská Bystrica, SE, a. s., Mochovce, Hameln rds, a. s., Modra and Vojenský útvar 4405 Nitra. Above all, the IRAW were represented by used closed emitters, solid standards, contaminated laboratory waste (gloves, glass and the like), contaminated debris and fire alarm elements.

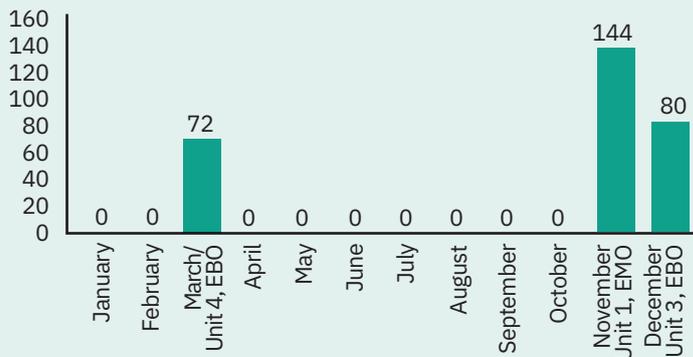
8

SPENT NUCLEAR FUEL MANAGEMENT

Following the achievement of determined parameters, the spent nuclear fuel produced in reactor units of nuclear power plants in the Slovak Republic is subsequently transported and stored in the long term in the JAVYS, a. s., Interim Spent Fuel Storage (ISFS) nuclear facility in Jaslovské Bohunice.

In the year 2020, the total of 296 pcs of spent fuel assemblies were transported from the V2 NPP and EMO NPP to the Interim Spent Fuel Storage.

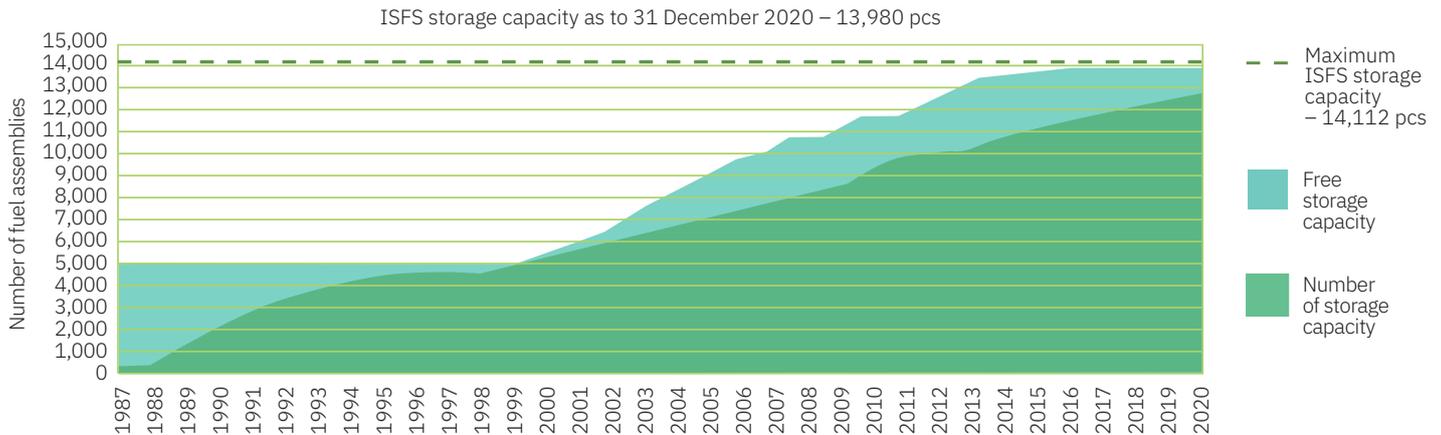
Numbers of fuel assemblies transported in individual months of the Year 2020



In the year 2020, the spent nuclear fuel was stored in three out of four storage pools of the Interim Spent Fuel Storage, in magazines of KZ-48 and T-13 types. The fourth pool provided the function of a reserve pool. As to 31 December 2020, the total of 13,008 pcs of spent nuclear fuel

assemblies were stored in ISFS, out of which 5,143 pcs originated from the V1 NPP, 5,513 pcs came from the V2 NPP and 2,352 pcs originated from EMO1,2.

Overview of Continuous ISFS Filling with Spent Nuclear Fuel as to 31 December 2020



As to 31 December 2020, 13,008 pcs of spent nuclear fuel were stored in the ISFS nuclear facility which represents 92.18 % filling of its maximum designed storage capacity. With regard to the real ISFS filling, JAVYS, a. s., has been implementing the investment project “Completion of Construction of ISFS

Storage Capacity on the Jaslovské Bohunice Site” since the year 2018, in compliance with the approved schedule. The assumed commissioning date for Spent Nuclear Fuel Storage Module 1 is scheduled for the first half of the year 2023.

9

SAFETY

NUCLEAR SAFETY

The compliance with the requirements for nuclear safety is a priority for JAVYS, a. s. This was declared in the policy and objectives, which are among top-level documents of the company integrated management system.

The JAVYS, a. s., Safety Policy is linked to the following tasks provided by the company:

- safe, reliable and effective operations of nuclear facilities,
- reliable and safe A1 NPP and V1 NPP decommissioning order to free the site for industrial purposes,
- reliable and safe treatment, conditioning, storage and disposal of radioactive waste from nuclear power plants, including institutional radioactive waste and radioactive materials of unknown origin,
- reliable and safe management of spent nuclear fuel from nuclear power plants.

Requirements specified by legal regulations of the Slovak Republic and nuclear safety supervisory bodies were met for all nuclear facilities operated by the company on Jaslovské Bohunice and Mochovce sites.

During the year 2020, the nuclear facilities were operated in accordance with the valid and current safety documentation approved by the supervisory bodies of the Slovak Republic, without any violation of the Technical Specifications for their safe operations and decommissioning, respectively.

JAVYS, a. s., performed a nuclear safety review for the National Radioactive Waste Repository nuclear facility, based on Act No. 541/2004, Coll., and Ordinance of the Nuclear Regulatory Authority of the Slovak Republic No. 33/2012, Coll., on Regular, Complex and Systematic Nuclear Safety Review of Nuclear Facilities, in consideration of the current state of knowledge in the nuclear safety review area.

Inspections were performed by the Nuclear Regulatory Authority (NRA) of the Slovak Republic on the Interim Spent Fuel Storage (ISFS), Radioactive Waste Processing and Treatment Technologies (RAW PTT) and National Radioactive Waste Repository nuclear facilities to check up the meeting of nuclear safety conditions. The main objective of the nuclear safety review performed for ISFS, RAW PTT and NRAWR nuclear facilities was to verify, following 10 years of operation since the preceding review, all the defined review areas from the point of view of meeting nuclear safety requirements within the scope determined by Slovak legal regulations and international requirements.

JAVYS, a. s., nuclear facilities operation safety assessments were performed by means of operation safety indicators in quarterly periods. The assessments achieved confirmed that professional work was performed by the staff and high reliability was shown by the technological equipment.



No safety significant operational event was identified during the assessed time period. The total of 38 inspections was performed by NRA SR inspectors during the year 2020.

The inspections were focused, e. g., on checks whether nuclear safety conditions and supervisory requirements were met during the V1 NPP and A1 NPP decommissioning, during RAW management within the RAW PTT, IRAWS, FP LRAW nuclear facilities, during spent nuclear fuel storage in ISFS, during RAW disposal in the NRAWR nuclear facility and during RAW and NM transports. Moreover, the Nuclear Safety Authority of the Slovak Republic verified the licence holder's special aviation services, security system, staff professional training and education system and the application of the Emergency Transport Order during the railway transport of radioactive materials. Inspectors performed inspections of meeting requirements for the Final Report of the Periodical Nuclear Safety Review for RAW PTT and ISFS nuclear facilities. As for the emergency preparedness area, an inspection of the Emergency Response Organization interoperation was performed during the site wide emergency exercise and emergency preparedness was verified as well, aimed at the inspection of the shift staff emergency exercise at NRAWR.

In the year 2020, IAEA inspectors performed, in cooperation with EURATOM and NRA SR inspectors, 3 physical inventory checks of nuclear materials in three JAVYS, a. s., nuclear material balance areas on the Jaslovské Bohunice site, one inspection of short reporting period nuclear materials in ISFS and one inspection in compliance with the Amending Protocol to the Guarantee Agreement and one inspection related to the A1 NPP decommissioning state check-up. In compliance with international legal regulations and following the state verification by

inspectors, the registration of V1 NPP nuclear materials was closed. The NRA of the SR issued the total of 71 decisions for JAVYS, a. s. In the year 2020, five operational events were registered out of which no event was reportable to supervisory bodies, within the meaning of the Atomic Act. In compliance with the International Nuclear Event Scale INES, all the events were classified as events with no safety significance (off INES scale).

RADIATION PROTECTION

All the activities important from the radiation protection point of view are subject to the dose load optimization prior to their permission, during their implementation and after their completion, within the meaning of legal regulations of the Slovak Republic in force and of the JAVYS, a. s., internal quality assurance system.

The systematic monitoring of radiation characteristics of the working environment, both the operational and official monitoring of doses received was performed and, at the same time, the compliance with radiation protection rules and the ALARA principle during the implementation of activities was supervised in the working environment of radiation controlled areas of the JAVYS, a. s., nuclear facilities in 2020 as well.

The maximum individual effective dose is one of the strictly monitored indicators of the radiation protection level for persons working in the JAVYS, a. s., radiation controlled areas; the dose exceeded neither the determined legal annual limit (20 mSv), nor the internal annual limit (13 mSv).

Maximum Individual Effective Dose E (mSv) in the Year 2020

JAVYS, a. s.	KP-A	% of the limit	KP-V	% of the limit	KP-U	% of the limit	KP-R	% of the limit
JAVYS, a. s., staff members	6.188	30.94	0.374	1.87	5.802	29.00	0	0
Contractors	10.907	54.54	4.563	22.82	0.246	1.23	0	0

Explanatory notes:

KP-A the radiation controlled areas in premises of the A1 NPP, being decommissioned, and in premises containing RAW processing and spent nuclear fuel storage technologies in Jaslovské Bohunice

KP-V the radiation controlled area of the V1 NPP in Jaslovské Bohunice, being decommissioned

KP-U the radiation controlled areas of NRAWR, FP LRAW and VLLW in Mochovce

KP-R the radiation controlled area of IRAW and CRAM in Mochovce

Inspections regarding the impact of the operation on radiation burden of the population are monitored by JAVYS, a. s., through the Laboratories of Radiation Supervision of Surroundings in Trnava and in Levice, belonging to Slovenské elektrárne, a. s. The laboratories monitor the surroundings by means of a network of monitoring stations connected into three circuits in the surroundings of nuclear facilities on the Jaslovské Bohunice site and by means of laboratory measurements of samples taken from the environment. Results of sample measurements and analyses of almost 1,500 samples of air, soil, water, vegetation and agricultural products for the year 2020 prove a minimum impact of operated and decommissioned nuclear facilities on the surroundings.

The impact of the operation of JAVYS, a. s., nuclear facilities on the population is expressed by the dose burden. The dose burden is determined with regard to the Representative Individual who received the highest effective dose during the given year and with regard to a municipality (a city) with the highest collective dose caused by releases from nuclear facilities into the atmosphere and hydrosphere. The dose is so low that it is not distinguishable from the natural background and that is why, it is determined by way of calculation. The calculation is performed

by special software (ESTE AI) four times yearly, based on amounts of all radioactive substances actually released into both the atmosphere and hydrosphere and on real meteorological situation during the year. The software is updated twice yearly wherein it takes local conditions into consideration, when calculating, it uses internationally accepted radioactive substances dissemination models and it is approved by the state supervision body – the Public Health Authority (PHA) of the Slovak Republic. Outputs from the software are submitted to the PHS SR in quarterly reports "Analysis of Releases of Radioactive Substances from JAVYS, a. s., Site in Jaslovské Bohunice".

The maximum calculated values of the individual effective dose E for the year 2020 are on the level of 0.046 % (14.9 nSv), for the populated area, and on the level of 0.073 % (23.2 nSv), for the unpopulated area, of the annual limit of exposure per a Representative Individual. Municipality of Hlohovec is the area with the highest collective dose and its level is 79.1 man μ Sv for the year 2020. The calculated values of individual effective doses are on a level by an order lower than the level of radiation burden of the population due to the natural background and medical diagnostic examinations.



EMERGENCY PLANNING AND CIVIL DEFENCE

Within the meaning of requirements related to the emergency planning and civil defence area, the separate JAVYS Emergency Response Organization is established in JAVYS, a. s., that is competent to settle extraordinary events in nuclear facilities and during radioactive material transports provided by JAVYS, a. s., licence holder. In the year 2020, staff emergency drills and exercises were held regularly in all the nuclear facilities and during radioactive material transports.

The state of JAVYS, a. s., emergency preparedness on the Jaslovské Bohunice site was verified by the site wide emergency exercise DUB 2020 (OAK 2020) that was aimed at the settlement of extraordinary events in nuclear facilities.

All JAVYS, a. s., staff members and all persons staying in the territory of the company nuclear facilities on the Jaslovské Bohunice site, including contractor staff members, were involved in the drills made within the site wide emergency exercise. During shift staff emergency exercises and professional group drills, the Emergency Response Organization proved its functionality.

At present, the following sizes of threat areas are approved by the Nuclear Regulatory Authority of the Slovak Republic for JAVYS, a. s., nuclear facilities:

- the common threat area for the V1 NPP, A1 NPP, RAW PTT and ISFS nuclear facilities on the Bohunice site delimited by the barrier of the guarded area of JAVYS, a. s., nuclear facilities on the Bohunice site, approved by Decision of NRA SR No. 719/2014, of 26 September 2014,

- the threat area for NRAWR on the Mochovce site determined as a territory bounded by the nuclear facility boundary, delimited by the barrier of the guarded area, i.e. the fencing of NRAWR on the Mochovce site, approved by Decision of NRA SR No. 66/2017 of 20 February 2017,
- the threat area for FP LRAW on the Mochovce site determined as a territory bounded by the site boundary of nuclear facilities belonging to the Slovenské elektrárne, a. s., Mochovce Nuclear Power Plant, plant, delimited by the barrier of the guarded area of this nuclear facility, approved by Decision of NRA SR No. 5/2007 of 8 January 2007,
- the delimitation of the IRAWS nuclear facility threat area size, based on Decision of NRA SR No. 381/2017 that entered into force and became executable on 10 October 2017.

Analyses, based on which the threat areas were determined, have shown that operation or decommissioning of JAVYS, a. s., nuclear facilities on the Jaslovské Bohunice and Mochovce sites, respectively, show a negligible impact on the population and the environment in the surroundings of these facilities.

OCCUPATIONAL HEALTH AND SAFETY

The occupational health and safety in JAVYS, a. s., was provided in compliance with relevant provisions of Act of the National Council of the Slovak Republic (NC SR) No. 311/2001, Coll., Labour Code, as amended, and with Act of NC SR No. 124/2006, Coll., on Occupational Health and Safety and on Amendments to Certain Acts and further related regulations.



Inspections of meeting requirements resulting from the above-mentioned acts and legal regulations were performed by Safety-Technical Service Technicians.

In the year 2020, four accidents at work of JAVYS, a. s., staff members were identified, out of which one registered accident at work and three recorded accidents at work.

During the year 2020, protective measures were adhered to and taken to improve the staff occupational health and safety level and actions of health harming factors were restricted as much as possible.

Workplaces involving a risk factor – noise, vibrations, aerosols and radioactive radiation – are identified in JAVYS, a. s., based on decisions by the Regional Public Health Authority. 583 staff members worked at the above-mentioned workplaces, out of which 80 were women. Staff members at workplaces where working activities are performed involving the increased danger to health resulting from the working conditions are paid increased attention. The staff members are invited regularly to medical examinations aimed at particular risk factors. The prevention of accidents and occupational diseases on at-risk workplaces is ensured by means of allocating appropriate personal protective equipment within the meaning of operational orders and risk judgements.

During the year 2020, the Regional Public Health Authority in Levice performed a state health supervision inspection in JAVYS, a. s., aimed to inspect working conditions and working environment at workplaces of NRAWR and FP LRAW Mochovce.

The Regional Public Health Authority in Trnava performed a state health supervision inspection in JAVYS, a. s., aimed to inspect working conditions and working environment at the following workplaces: the Health Centre, laboratories situated in the Operation Building and the Fibre Concrete Container Manufacturing Plant.

In the year 2020, JAVYS, a. s., defended an internationally recognized certificate in compliance with standard ISO 45001:2018 for the Occupational Health and Safety Management System granted by DNV GL company. The fact that the certificate was defended confirms that the JAVYS, a. s., management process in the occupational health and safety area meets high criteria and requirements specified by the mentioned standard.

FIRE PROTECTION

No fire was recorded in JAVYS, a. s., in the year 2020. During the mentioned time period, 462 preventive fire protection inspections were performed. The inspections were aimed at the adherence to fire protection regulations within all the company premises and works performed on the basis of written orders – ‘Performance of Work Including Increased Fire Risk’ were inspected.

During the preventive fire protection inspections, increased attention was paid to premises where decommissioning or demolition works were performed.



ENVIRONMENT PROTECTION

Environmental protection is an important part of all activities performed within JAVYS, a. s., by both its own employees and by contractors. Environment protection is included as a sub-process in the Safety process within the integrated management system, i. e., all legal requirements for individual environment protection areas (water, air, waste, protection of nature and country) are continually monitored and their implementation is incorporated in the internal company documentation.

Conditions imposed on activities performed by contractors are determined in the JAVYS, a. s., Safety and Technical Terms that are a part of contracts. JAVYS, a. s., commitment to adhere to and apply requirements specified by standard ISO 14001:2015 „Environmental Management System“ within the Integrated Management System is verified by DNV GL auditor company.

In the year 2020, a periodical audit was performed resulting in a certificate confirming the functionality and efficiency of the System and, at the same time, it is a proof of appropriate JAVYS, a. s., environmental performance when implementing its activities and services in compliance with the Environmental Policy and objectives. During performed audits and inspections by supervisory bodies, no non-conformities were identified in any of the environment protection areas.

JAVYS, a. s., has met, or is continuously meeting, conditions specified in decisions issued by state administration bodies in individual environment protection areas. The increase in environmental awareness of all staff members and contractors was provided for by creating new presentations in the electronic education system.

WATER MANAGEMENT SYSTEM

50,462 m³ of drinking water were consumed in the year 2020 (Jaslovské Bohunice, Bratislava, Mochovce sites). The total drinking water consumption was higher by 3,172 m³ in 2020 compared with the preceding year which represents an increase by 6.29 %. The cooling water consumption amounted to 306,954 m³ in the year 2020 what represents an increase by 1.71 % with regard to the year 2019.

In the year 2020, 439,996 m³ of wastewater were discharged into the Váh river recipient, which is a decrease by 2.7 % compared with the preceding year. Quality of wastewater discharged into the Váh river and verified by analyses made by an accredited laboratory was below the border of determined limits, thus, quality indicators for wastewater discharge into the Váh river recipient can be evaluated as having been met. No wastewater was discharged into the Dudváh river recipient, only water from the surface drainage was discharged.

In the year 2020, the cost of the water management system amounting to €140,023.42 represents an increase by 4.43 %, compared with the year 2019.



AIR PROTECTION

In the year 2020, JAVYS, a. s., operated air pollution sources of two categories - 5 medium sources and 2 small sources.

In the third quarter of 2020, a change was made in the operation of the emergency power supply source supplying the Interim Spent Fuel Storage consumption with power, i. e., of Caterpillar 3306 diesel generator situated at the mentioned civil structure, and, in relation therewith, a change was made in the air pollution source categorization. The operation of the originally small air pollution source, i. e., Caterpillar 3306 diesel generator, was terminated in exchange for a new Caterpillar C13ATAAC-400 SA diesel generator that is categorized as a medium air pollution source.

The total emissions released from all the air pollution sources are very low, there is no obligation either to pay the air pollution charge: solid pollutants – 37.23 kg, SO₂ – 0.136 kg, NO_x – 30.11 kg, CO – 8.086 kg and C_{org} – 0.875 kg. In the year 2020, 25 t of greenhouse gases (CO₂^{org}) were released into the air due to the operation of facilities combusting gaseous and liquid fuels (the Reserve Boiler Plant and diesel generators).

The amount of CO₂ emissions decreased by 20 tonnes compared with the year 2019.

The air pollution sources were only operated in the emergency mode, determined Technical Specifications were adhered to.



WASTE MANAGEMENT SYSTEM

In the year 2020, wastes classified in categories 'other' and 'hazardous' were produced in JAVYS, a. s. Both the disposal and recovery of wastes produced during the operation, maintenance and auxiliary activities performed on nuclear facilities fall within the JAVYS, a. s., scope of competence. In case of contractors' activities, also BIDSF projects implementation are provided for contractually with the relevant contractor. The total amount of non-active wastes produced within BIDSF projects, as well as off them, in the year 2020 amounted to 159.13 t. Out of that amount, 70.78 t (44 %) were recovered and 90.36 t (56 %) were disposed.

The total amount of produced wastes was made up of the following categories:

- other waste in the amount of 68.71 t off BIDSF projects and 13.36 t within BIDSF projects,
- hazardous waste in the amount of 19.19 t off BIDSF projects and 5.7 t within BIDSF projects,
- municipal and biodegradable wastes in the amount of 52.17 t.

The waste production is lower by 9.15 % compared with the year 2019, depending on activities performed and on A1 NPP and V1 NPP Decommissioning Plans.

In the year 2020, costs incurred to dispose and recover waste produced off BIDSF projects represented the amount of €50,937.4. Sales of metallic recoverable materials and electrical waste were provided for on the basis of relevant service contracts in the year 2020. Revenues from the metallic recoverable materials represented €967,585.89 in the year 2020 and revenues from other recoverable waste amounted to €174.4. The waste management was implemented in compliance with legal requirements of the SR in the year 2020.

ENVIRONMENTAL IMPACT ASSESSMENT

Requirements of Act of the National Council of the Slovak Republic No. 24/2006, Coll., „on Environmental Impact Assessment and on Amendments to Several Acts“, as amended, that are implemented into guideline BZ/OŽ/SM-04 „Environmental Impact Assessment (EIA)“, are applied in the environmental impact assessment area.

During the year 2020, the mandatory assessment process continued in compliance with Act No. 24/2006, Coll., for the proposed activity „Optimization of Processing Capacities for the JAVYS, a. s., Processing and Treatment Technologies of Radioactive Waste on the Jaslovské Bohunice Site“. In March 2020, an expert opinion in relation to the Assessment Report, developed by a professionally competent person, was sent to the Ministry of Environment of the Slovak Republic. The opinion became a background document for the issue of the ME SR final position. Prior to the final position issue, four notifications related to the background document for the decision were sent by the ME SR during the period from March to July. In spite of efforts made by JAVYS, a. s., representatives to meet the Minister of Environment in order to explain the contents of the Assessment Report, the course of the EIA process and in spite of the urgent requests to issue the ME SR final position, the environmental impact assessment process for the proposed activity was not completed in the year 2020. It is the most demanding process as for time demandingness and the participation by the public that was commenced on 5 February 2018 by means of submitting the intention.

The second proceeding performed in compliance with Act No. 24/2006, Coll., was the examination proceeding in relation to activity „Change in Use of 760-II.3,4,5:V1 Civil Structure – Storage Premises for Metallic

Superficially Contaminated Materials within the ‘Reconstruction and Relocation of Technological Equipment to 760-II.3,4,5:V1 Civil Structure’ Project“. In August 2020, the Notification of Change in the Proposed Activity was submitted to the Ministry of Environment of the Slovak Republic. The examination proceeding decision was not issued in the year 2020. The examination proceeding decision that the mentioned change in the activity would not be further assessed was issued by the ME SR on 13 January 2021 and entered into force on 22 February 2021.

The implementation and operation of activities assessed in compliance with the Environmental Impact Assessment Act are only possible on condition that the compliance is demonstrated between the implementation of the activity and the final position resulting from the assessment process or the decision issued during the examination proceeding. The compliance is demonstrated by the development of a written evaluation of conditions specified in the ME SR final position, or conditions specified in the decision issued during the examination proceeding, respectively, and by attaching the evaluation to the activity permission application.

During the year 2020, written evaluations were developed in relation to the meeting of conditions specified in final positions to the following permission proceedings:

1. BIDSF D4.1 „Modification of Power Plant and Assembly of New Equipment“ – Change and Modification Documentation No. 5294/2017 “Construction of ISFS Tapping Plant and Installation of Pipeline Routes to Tap Regeneration

and Decontamination Solutions in ISFS” (for the needs of the final building approval),

2. BIDSF D4.2 „ Dismantling of Reactor Coolant System Large Components “ – Change and Modification Documentation No. 5309/2017 ”Establishment of Dry Fragmentation Workplace in Civil Structure 490:V1“ (for the needs of the final building approval),
3. „Completion of Construction of the Interim Spent Fuel Storage capacities on the Jaslovské Bohunice Site“ (for the needs of the building permit).

The Ministry of Environment of the Slovak Republic confirmed the compliance between permission proceedings and Act No. 24/2006, Coll., and decisions issued under the act, in all of its binding positions.

In connection with the implementation of assessed activities, it is the obligation of JAVYS, a. s., to perform post-project analyses.

During the first half of the year 2020, post-project analyses for 2019 were developed for all assessed JAVYS, a. s., activities. It follows from results of the post-project analyses and from evaluations covering the meeting of conditions specified in final positions of the Ministry of Environment of the Slovak Republic that all the assessed activities performed by JAVYS, a. s., are in compliance with the Act on the Environmental Impact Assessment and with decisions issued in compliance with the Act.



11 INTERNATIONAL ACTIVITIES

In the year 2020, JAVYS, a. s., continued the implementation of acquired commercial projects, as well as efforts to extend its commercial activities, in spite of a very unfavourable impact due to COVID-19 pandemics. During the year 2020, activities were implemented within the meaning of seven signed contracts and additional two contracts were completed.

Radioactive waste from Czech Dukovany and Temelín NPPs were processed by JAVYS, a. s., for ČEZ, a. s., using high-pressure compacting. As for the project covering the processing of saturated sorbents and sludges from the Italian Caorso NPP, the milestone covering the RAW transport from Caorso to Jaslovské Bohunice and their treatment by technological equipment was activated following the meeting of all requirements specified by both the national authorities responsible for nuclear safety (NRA SR and MiSE).

In the year 2020, the project proceeded to the implementation phase when 7 final products were prepared from the treated RAW. The project is implemented within a consortium with the Italian company Ansaldo New Clear. JAVYS, a. s., continued to provide its support to technical and emergency groups of DMS, s. r. o., during the fresh fuel import to the SR for the operated nuclear power plants.

JAVYS, a. s., finalized the design and safety documentation related to the modification and modernization of RAW treatment lines for the Bulgarian company SERAW at the Kozloduj NPP, within a consortium with the Spanish company Ingeniería y Dirección de Obras y Montaje and the Bulgarian company ATP Atomtoploproekt, Ltd.

The three-year project for the European Commission progressed successfully, aimed at consultancy services in chemical, biological and radioactive wastes management areas for ten countries of the Eastern and Southern Europe. Additional 6 foreign companies (Sustainable Criminal Justice Solutions CIC Limited, Inštitút pre medzinárodnú bezpečnosť a krízové riadenie (Institute for International Safety and Crisis Management), Public Health England, Polish Military Institute of Chemistry and Radiometry, VERTIC and Cranfield University) participates in the project. The first of the total of three parts of institutional RAW was treated for NUCLECO, S.p.A., company. At the end of the year, transports resulting from the second part of the contract were initiated.

In the year 2020, the treatment of institutional RAW was evaluated for the supranational company Ecker&Ziegler, A. G., and the treatment product was ready for the dispatching to the customer.

Following the approval of the developed documentation by the customer, the contract was completed to develop a design of the construction of a low- and medium-level waste repository in Iraq implemented in cooperation with two German companies Nukem Technologies GmbH and BGE Technology GmbH. In cooperation with the German

company BGE Technology GmbH, a project was completed to develop a preliminary feasibility study for the disposal of institutional RAW in Moldavia funded by the International Atomic Energy Agency.

The Australian company Coffee was successful in the qualification tender to review both the design and operating documentation for the repository of low- and medium-level RAW under construction in Australia. JAVYS, a. s., participates in this project along with the German company BGE Technology GmbH in the position of sub-contractor.

In compliance with the approved strategy of preparations and implementation of JAVYS, a. s., commercial activities, memoranda of understanding were signed with B&A WASTE MANAGEMENT CO.LLC and Perma-Fix Environmental Services, Inc., companies. Moreover, a plan of cooperation was concluded with the TVEL company.

The financial volume of contracted JAVYS, a. s., performance within the implemented projects amounts to €40.6 mil., and the total value of the projects is €57.1 mil.

The new signed contracts represent not only a benefit meaning an increase of JAVYS, a. s., revenue, but also references for the future and opportunities for the professional development of staff participating in their implementation. Thus, the extension of the offer of services represents possibilities for the company growth and establishment on the market in the important segment of nuclear industry.



12

ECONOMIC RESULTS

REPORT ON BUSINESS ACTIVITIES AND BALANCE OF ASSETS

Jadrová a vyrábacia spoločnosť, a. s. (JAVYS, a. s.), is a joint stock company with the 100 % state ownership that exercises its shareholder rights by means of the Ministry of Economy of the Slovak Republic. The JAVYS, a. s., company mission is to perform activities within the meaning of the approved National Policy and National Programme of Spent Nuclear Fuel (SNF) and Radioactive Waste (RAW) Management, namely to decommission nuclear power plants A1 NPP and V1 NPP in a safe, reliable and cost-effective manner, to provide nuclear services in areas of spent nuclear fuel and radioactive waste management by means of optimum use of existing RAW PTT processing capacities and to provide related servicing. JAVYS, a. s., provides additional services to third parties resulting from servicing and rental contracts concluded.

Since July 2016, JAVYS, a. s., has been included in the public administration sector and its business activities are also affected by relevant legal regulations applicable to this area.

As to 31 December 2020, the company achieved the pre-tax economic result amounting to €7,953,190 and the economic result after tax amounting to €4,382,359. The operational economic result was reported on the level of €12,815,648.



In the year 2020, the core JAVYS, a. s., activities were covered by funding provided from the National Nuclear Fund (NNF), from the BIDSF fund, by SIEA and from revenues and returns achieved by commercial activities.

Within the meaning of the contract concluded with the NNF, the maximum and limiting amount of funds for individual requests was determined to be €72,180,664 for the year 2020. The absorption of non-investment NNF funds achieved €61,310,000 in the year 2020. Non-investment funds amounting to €1,412,091 for the performance in the year 2019 and to €58,717,776 for the year 2020 were absorbed from the NNF budget for the year 2020. Non-investment funds amounting to €1,180,133 for the performance in the year 2020 will be covered by the NNF budget for the year 2021.

Within the meaning of the contract with NNF for the year 2020, the absorption of investment funds achieved €5,175,554. Investment funds amounting to €1,580 for the performance implemented in the year 2019 and to €5,172,766 for the performance in the year 2020 were absorbed from the NNF budget for the year 2020. Investment funds amounting to €1,208 for the performance in the year 2020 were covered by the NNF budget for the year 2021.

Within the framework of drawing funds from BIDSF and SIEA for projects related to the V1 NPP decommissioning, the company received funds in the total amount of €40,926,180 in the year 2020, out of that €39,352,419 for the operational part and €973,761 for the investment part. Out of that, funds for the implementation of the Decommissioning Program using human resources available at the V1 NPP in relation to the BIDSF D0 project „Implementation of Decommissioning Program Using Human Resources Available at the V1 NPP“ amounted to €6,478,672 €, out of that €6,362,531 for the operational part and €116,141 for the investment part.



Company revenues and returns originating from commercial activities constitute revenues and returns from the commercial management of RAW and SNF, other revenues from servicing and rental contracts concluded and revenues from sales of recoverable surplus property originating from the A1 NPP and V1 NPP decommissioning.

The company reported total revenues and returns for the year 2020 originating from its own performance amounting to €28,829,500, out of which direct revenues for RAW transport, storage and processing and for SNF management for the V1 NPP, V2 NPP and EMO1,2 NPP amounted to €16,656,139 and the servicing amounted to €365,808. Reported returns originating from the processing of the Mogilnik order amounted to €1,973,658.

The company achieved returns from the activation of material and long-term tangible assets amounting to €2,619,369, from revenues resulting from sales of recoverable surplus property originating from the A1 NPP and V1 NPP decommissioning amounting to €95,000 and from revenues originating from rental and other contracts and other JAVYS, a. s., performance amounting to €6,579,525.

In the year 2020, the company intermediate consumption costs were reported amounting to €64,297,957. Actual personnel costs were reported amounting to €34,792,861 (out of which the amount of €31,010,871 constituted salary costs and the amount of €3,781,990 corresponded to the settlement of provisions for employee benefits from the year 2019 and to the completion of provisions for future employee benefits), the accounting depreciation of long-term tangible assets and value adjustments for the long-term tangible assets amounted to €18,026,246 (total depreciation of long-term tangible assets and long-term intangible assets amounted to €22,574,574 and value adjustments for assets amounted to €4,548,328).

As to 31 December 2020, the company kept records of total assets amounting to €1,248,998,595. Out of that, long-term intangible assets amounted to €690,788 and company long-term tangible assets amounted to €152,293,660. The long-term financial assets were reported amounting to €105,224,214. These assets are related to the capital injection to JESS company that was founded in 2009 as a joint venture of JAVYS, a. s., and ČEZ Bohunice. As to 31 December 2020, the value of financial assets was re-priced due to a deduction from JESS company equity by €842,224.

Provisions set up for the A1 NPP and V1 NPP decommissioning and disposal, provisions set up for the decommissioning and disposal of non-power engineering equipment and provisions set up for future employee benefits (retirement and leaving allowances, within the meaning of the Collective Bargaining Agreement) were the largest items in company liabilities as to 31 December 2020. As to 31 December 2020, provisions amounting in total to €896,330,032 were reported. Provisions set up for the A1 NPP and V1 NPP decommissioning and disposal amounting to €660,939,291 represent a part of those provisions. That part of the provisions is covered by claims against the NNF and BIDSF.

As to 31 December 2020, the company equity value achieved the amount of €216,374,962 which represents 17.32 % of the total company assets.

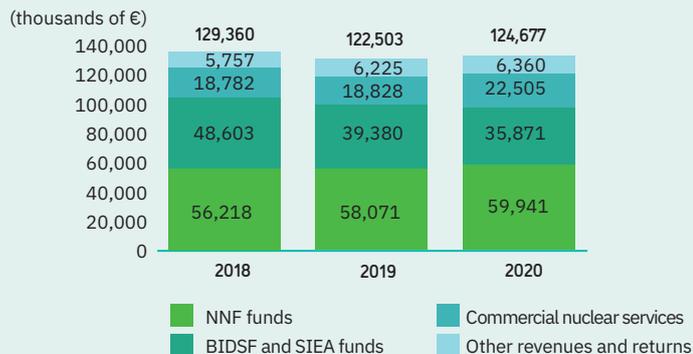
Economic results achieved are stated in the financial statements audited by an independent auditor, without any reservations.



Structure of Operational Revenues and Returns by Financial Envelope Sources

thousands of €

	2018	2019	2020
NNF funds	56,218	58,071	59,941
BIDSF and SIEA funds	48,603	39,380	35,871
Commercial nuclear services	18,782	18,828	22,505
Other revenues and returns	5,757	6,225	6,360
Total	129,360	122,503	124,677

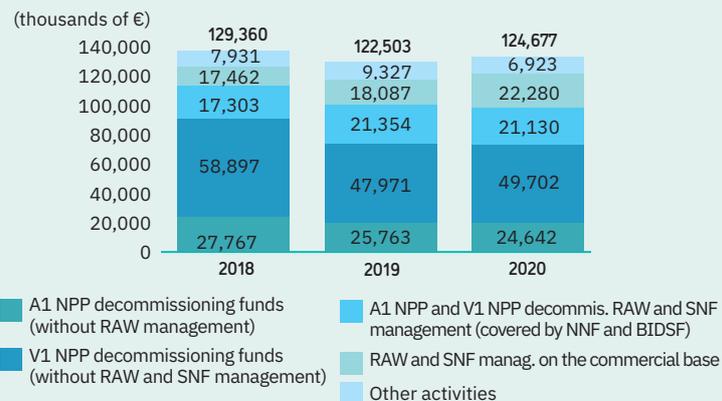


Structure of Operational Revenues and Returns by Activities

The NNF funds also include funds provided to reimburse RAW management costs resulting from the A1 NPP and V1 NPP decommissioning and V1 NPP SNF storage costs.

thousands of €

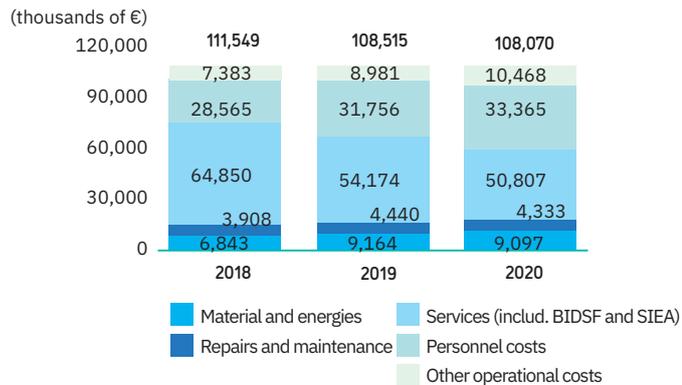
	2018	2019	2020
A1 NPP decommissioning funds (without RAW management)	27,767	25,763	24,642
V1 NPP decommissioning funds (without RAW and SNF management)	58,897	47,971	49,702
A1 NPP and V1 NPP decommis. RAW and SNF management (covered by NNF and BIDSF)	17,303	21,354	21,130
RAW and SNF management on the commercial basis	17,462	18,087	22,280
Other activities	7,931	9,327	6,923
Total	129,360	122,503	124,677



Structure of Operational Costs

thousands of €

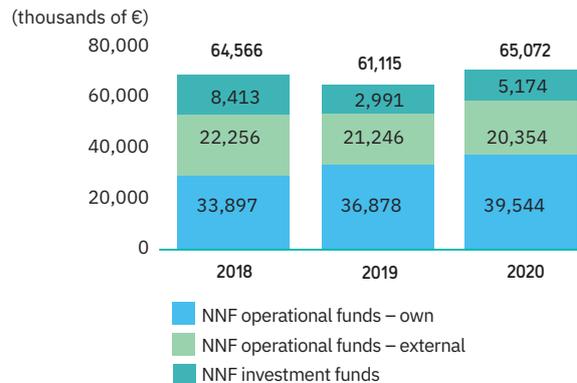
	2018	2019	2020
Material and energies	6,843	9,164	9,097
Repairs and maintenance	3,908	4,440	4,333
Services (includ. BIDSF and SIEA)	64,850	54,174	50,807
Personnel costs	28,565	31,756	33,365
Other operational costs	7,383	8,981	10,468
Total	111,549	108,515	108,070



NNF Funds Absorption

thousands of €

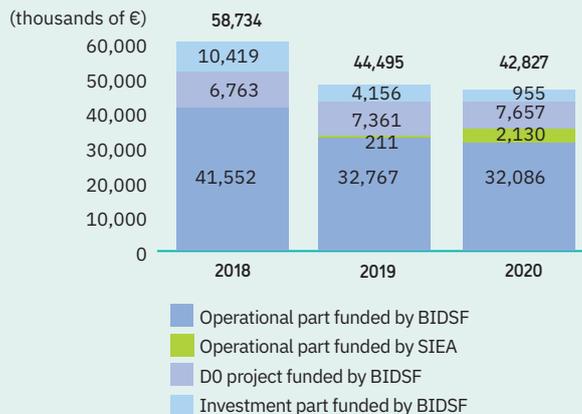
	2018	2019	2020
NNF operational funds – own	33,897	36,878	39,544
NNF operational funds – external	22,256	21,246	20,354
NNF investment funds	8,413	2,991	5,174
Total	64,566	61,115	65,072



BIDSF and SIEA Funds Absorption

thousands of €

	2018	2019	2020
Operational part funded by BIDSF	41,552	32,767	32,086
Operational part funded by SIEA	0	211	2,130
D0 project funded by BIDSF	6,763	7,361	7,657
Investment part funded by BIDSF	10,419	4,156	955
Total	58,734	44,495	42,827



PROCUREMENT

In the year 2020, contracts were awarded on the basis of the Yearly Plan of Public Procurement comprised 141 items representing requirements by JAVYS, a. s., professional departments to provide for deliveries of goods, to provide services and to implement construction works with the total assumed value of more than €40 mil., excluding VAT.

In the year 2020, 200 contracts were concluded, resulting from contract awarding procedures in compliance with the Public Procurement Act No. 343/2015, Coll., or from procedures specified by the JAVYS, a. s., internal guideline. The total volume of contracts concluded amounted to more than €19.5 mil., excluding VAT, wherein the largest share in the mentioned sum was represented by the contract for years of 2021 and 2022 to supply all points of supply with electric power, except for the FP LRAW nuclear facility in Mochovce (€7.8 mil., excluding VAT).

The highest financial volume was represented by contracts for deliveries of goods (almost 64 %), followed by contracts to provide services (31 %) and contracts to perform construction works (5 %). Contracts for deliveries of goods represented more than a half of all contracts concluded (60 %), more than one third accounted for contracts to provide services (35 %) and the rest accounted for contracts to perform construction works (5 %).

According to the kind of cost, 80 % of the total financial volume of all contracts concluded in the year 2020 accounted for contracts represents operational cost (P). Investment projects (IPR), achieved the financial share of almost 7 % and the rest (fewer than 1 %) accounted for contracts for deliveries of not included in investment projects (IMNIP – IANIP).



TRADE AND SERVICES

The active JAVYS, a. s., business was oriented, above all, to the following areas in the year 2020:

- **Provision of services in the radioactive waste and spent nuclear fuel management areas**

The provision of services in the radioactive waste transport, processing and storage and spent nuclear fuel management areas is, above all, the subject of the business relationship with SE, a. s., and ČEZ, a. s., companies.

- **Provision of services and activities necessary to ensure nuclear safety, radiation safety and operational reliability**

JAVYS, a. s., provides services necessary to ensure safe operations of the nuclear power plant and are related, above all, to staff training for nuclear power engineering equipment, personal health physics and radiation protection, calibrations of instruments, services related to the joint use of equipment, services in areas of emergency planning and preparedness, transport services, steam supply and rentals of non-residential premises and equipment to SE, a. s., and other companies.

- **Provision of rentals of residential and non-residential premises and related services**

Rentals of immovable property and non-residential premises are provided on the commercial basis, especially to present suppliers of works and services for JAVYS, a. s., but also to entities having no supply relationship to JAVYS, a. s.

Rented immovable property is used, above all, as offices, changing rooms, storage rooms, assembly halls, manufacturing plants, apartments, or grounds and areas are rented for parking purposes.

- **Provision of other services and sales of surplus property**

JAVYS, a. s., also provides other services within the framework of its business activities, namely, above all: institutional radioactive waste takeovers, transports, processing and storage, the joint use of the railway siding, the provision of training courses and consultancy, health physics services, demineralized water supply, water supply and drainage fees, heat, electric power, the provision of personal protective equipment, etc.

Sales of surplus and non-utilisable property were also a source of revenues. In the year 2020, 14 sale cases of recoverable materials, surplus property and surplus stock were accomplished (completed), bringing revenues amounting in total to €1,074,751.50, excluding VAT.

Total revenues from the main business activities amounted to €25,575,131, excluding VAT, in the year 2020. Out of that, revenues from IRAW, RAW and SNF management services accounted for approximately 84 % and revenues from other services accounted for 16 %.



UZPOD/H.1
Úč POD

FINANCIAL STATEMENTS

Annex No.1 do Decree No. MF/23377/2014-74

of Enterprises in the Double-Entry Bookkeeping System

Prepared as at 3 1 . 1 2 . 2 0 2 0

Figures are rounded on the right, other data are written from the left. Unfilled lines remain blank.
Data are filled in using block letters (as shown below) by a typewriter or a printer machine in black or dark blue.

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Tax Registration Number 2 0 2 2 0 3 6 5 9 9	Financial Statements Reporting Entity <input checked="" type="checkbox"/> Ordinary <input type="checkbox"/> Small	Month Year From 0 1 2 0 2 0 To 1 2 2 0 2 0
Identification 3 5 9 4 6 0 2 4	<input type="checkbox"/> Extraordinary <input checked="" type="checkbox"/> Large	
SK NACE 3 8 2 2 0	<input type="checkbox"/> Interim (Mark with X)	Immediately-Preceding Period From 0 1 2 0 1 9 To 1 2 2 0 1 9

Accompanying Parts of Financial Statements

Balance Sheet (Úč POD 1-01) Income Statement (Úč POD 2-01) Notes (Úč POD 3-01)
(in whole Euros) (in whole Euros) (in whole Euros)

Business Name (Name) of the Reporting Entity
J a d r o v á a v y r a d' o v a c i a s p o l o č n o s t', a . s

Seat of the Reporting Entity

Street Number
J a s l o v s k é B o h u n i c e 3 6 0

Postal Code Municipality
9 1 9 3 0 J a s l o v s k é B o h u n i c e

Commercial Register and Number of Entry of the Company
B r a t i s l a v a I , o d d . S a , v i . č . : 4 6 4 9 / B

Phone Number Fax Number
0 3 3 / 5 3 1 3 2 8 4 0 3 3 / 5 3 1 2 4 7 2

E-mail Address

Prepared on: 1 8 5 0 3 3 2 0 2 1 1 2 Approved on: 9 0 5 2 0 2 1 1

Signature of a Member of the Statutory Body of the Reporting Entity or a Natural Person Acting as a Reporting Entity:

Records of the Tax Authority

Place for Registration Number Presentation Stamp of the Tax Authority

UZPOD/H.2

Balance Sheet Úč POD 1-01

DIČ 2 0 2 2 0 3 6 5 9 9

ICO 3 5 9 4 6 0 2 4



Description	ASSETS	Line	Current Reporting Period		Immediately-Preceding Reporting Period	
			1	Gross - Part 1	Net 2	Net 3
				Correction - Part 2		
A.	Total assets (L. 02 + L.33 + L.74)	01	1 6 0 4 4 8 5 0 3 0	1 2 4 8 9 9 8 5 9 5	1 3 3 8 6 3 5 3 3 7	
	Non-current assets (L.03 + L.11 + L.21)	02	6 1 3 6 8 8 8 8 4	2 5 8 2 0 8 6 6 2	2 6 3 1 5 3 5 0 2	
A.I.	Total non-current intangible assets (L.04 to L.10)	03	1 7 1 9 3 4 8 0	6 9 0 7 8 8	8 7 3 6 4 2	
A.I.1.	Capitalised development costs (012) - 072, 091A)	04				
	2. Software (013) - 073, 091A)	05	1 4 0 0 1 0 1 4	1 5 3 3 8 8	3 7 9 2 2 2	
	3. Valuable rights (014) - 074, 091A)	06	2 4 4 3 2 4 2	1 0 9 5 2 9	5 9 3 8 3	
	4. Goodwill (015) - 075, 091A)	07				
	5. Other non-current intangible assets (019, 01X) - 079, 07X, 091A)	08	4 3 9 7 4 7	1 1 8 3 9 4	2 2 8 3 3 2	
	6. Non-current intangible assets in acquisition (041) - 093	09	3 0 9 4 7 7	3 0 9 4 7 7	2 0 6 7 0 5	
	7. Advance payments for non-current intangible assets (051) - 095A)	10				
A.II.	Total non-current tangible assets (L.012 tot. 020)	11	4 9 1 2 7 1 1 9 0	1 5 2 2 9 3 6 6 0	1 5 6 2 1 3 4 2 1	
A.II.1.	Land (031) - 092A)	12	2 0 4 8 1 3 5	2 0 4 8 1 3 5	2 0 4 7 8 8 8	
	2. Structures (021) - 081, 092A)	13	1 5 2 8 4 7 5 4 6	6 0 1 2 6 7 6 3	6 5 2 7 6 1 9 9	
	3. Separate movable assets and sets of movables (022) - 082, 092A)	14	3 0 2 1 9 5 1 1 9	5 5 9 3 8 3 7 2	6 4 5 7 8 3 0 1	

DIČ 2 0 2 2 0 3 6 5 9 9

IČO 3 5 9 4 6 0 2 4



Description line a	ASSETS b	Line c	Current Reporting Period		Immediately-Preceding Reporting Period	
			Gross - Part 1		Net 2	
			Correction - Part 2		Net 3	
4.	Perennial crops (025) - /085, 092A/	15				
5.	Livestock and draught animals (026) - /086, 092A/	16				
6.	Other non-current tangible assets (029, 02X, 032) - /089, 08X, 092A/	17	1 2 4 9 4		1 2 4 9 4	
7.	Non-current tangible assets in acquisition (042) - /094/	18	3 3 8 2 2 8 7 2		3 3 8 2 2 8 7 2	1 2 4 9 4
8.	Advance payments for non-current tangible assets (052) - /095A/	19	3 4 5 0 2 4		3 4 5 0 2 4	6 6 6 6 4 2
9.	Correction item to acquired assets (+/- 097) +/- 098	20				
A.III.	Total non-current financial assets (I. 22 to I. 32)	21	1 0 5 2 2 4 2 1 4		1 0 5 2 2 4 2 1 4	
A.III.1.	Shares and ownership interests in group companies (061A, 062A, 063A) - /096A/	22				
2.	Shares and ownership interests with a participating interest except for group companies (062A) - /096A/	23	1 0 5 2 2 4 2 1 4		1 0 5 2 2 4 2 1 4	
3.	Other held-for-sale securities and ownership interests (063A) - /096A/	24				
4.	Loans to group companies (066A) - /096A/	25				
5.	Loans within a participating interest except to group companies (066A) - /096A/	26				
6.	Other loans (067A) - /096A/	27				
7.	Debt securities and other non-current financial assets (065A, 069A, 06XA) - /096A/	28				

DIČ 2 0 2 2 0 3 6 5 9 9

IČO 3 5 9 4 6 0 2 4



Description line a	ASSETS b	Line c	Current Reporting Period		Immediately-Preceding Reporting Period	
			Gross - Part 1		Net 2	
			Correction - Part 2		Net 3	
8.	Loans and other non-current financial assets with remaining maturity of up to one year (065A, 067A, 069A, 069XA) - /096A/	29				
9.	Bank accounts bound for period exceeding one year (22XA)	30				
10.	Non-current financial assets in acquisition (042) - /096A/	31				
11.	Advance payments for non-current financial assets (053) - /095A/	32				
B.	Current assets (I. 34 + I. 41 + I. 53 + I. 66 + I. 71)	33	9 8 7 0 9 0 0 5 3		9 8 7 0 8 3 8 4 0	1 0 7 3 1 0 2 9 0 3
B.I.	Total inventory (I. 35 to I. 40)	34	1 1 0 9 6 6 5		1 1 0 9 6 6 5	1 3 6 5 5 5 8
B.I.1.	Raw materials (112, 113, 11X) - /191, 19X/	35	1 1 0 9 6 6 5		1 1 0 9 6 6 5	1 3 6 5 5 5 8
2.	Work-in-progress and semi-finished goods (121, 122, 12X) - /192, 193, 19X/	36				
3.	Finished goods (123) - /194/	37				
4.	Livestock (124) - /195/	38				
5.	Merchandise (132, 133, 13X, 139) - /196, 19X/	39				
6.	Advance payments for inventory (314A) - /391A/	40				
B.II.	Total non-current receivables (I. 42 + I. 46 to I. 52)	41	6 4 7 5 6 1 6 6 4		6 4 7 5 6 1 6 6 4	7 4 0 3 4 7 9 2 7
B.II.1.	Total trade receivables (I. 43 to I. 45)	42	2 3 3 8		2 3 3 8	2 3 3 8

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ICO 3 5 9 4 6 0 2 4



Description a	ASSETS b	Line c	Current Reporting Period				Immediately-Preceding Reporting Period														
			Gross - Part 1		Net 2		Net 3														
			1	Correction - Part 2																	
1.a.	Trade receivables from group companies (311A, 312A, 313A, 314A, 315A, 315A) - /391A/	43																			
1.b.	Trade receivables within a participating interest except for receivables from group companies (311A, 312A, 313A, 314A, 315A, 315A) - /391A/	44																			
1.c.	Other trade receivables (311A, 312A, 313A, 314A, 315A, 315A) - /391A/	45			2 3 3 8			2 3 3 8												2 3 3 8	
2.	Net construction contract value (316A)	46																			
3.	Other receivables from group companies (351A) - /391A/	47																			
4.	Other receivables within a participating interest except for receivables from group companies (351A) - /391A/	48																			
5.	Receivables from partners, members and participants in an association (354A, 355A, 358A, 358A) - /391A/	49																			
6.	Receivables from derivative transactions (373A, 375A)	50																			
7.	Other receivables (335A, 336A, 333A, 371A, 374A, 375A, 378A) - /391A/	51			6 4 4 0 3 3 4 1 7			6 4 4 0 3 3 4 1 7													7 3 6 8 8 3 0 9 7
8.	Deferred tax asset (481A)	52			3 5 2 5 9 0 9			3 5 2 5 9 0 9													3 4 6 2 4 9 2
B.III.	Total current receivables (I. 54 + I. 58 to I. 65)	53			1 2 2 3 1 0 3 1 8			1 2 2 3 0 4 1 0 5													6 2 1 3
B.III.1	Total trade receivables (I. 55 to I. 57)	54			7 2 9 8 2 4 2			7 2 9 2 6 7 8													1 1 8 4 3 4 1 4 8
1.a.	Trade receivables from group companies (311A, 312A, 313A, 314A, 315A, 315A) - /391A/	55			5 6 0 9 4 7 5			5 6 0 9 4 7 5													5 9 4 5 2 9 9
1.b.	Trade receivables within a participating interest except for receivables from group companies (311A, 312A, 313A, 314A, 315A, 315A) - /391A/	56																			

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Description a	ASSETS b	Line c	Current Reporting Period				Immediately-Preceding Reporting Period															
			Gross - Part 1		Net 2		Net 3															
			1	Correction - Part 2																		
1.c.	Other trade receivables (311A, 312A, 313A, 314A, 315A, 315A) - /391A/	57			1 6 8 8 7 6 7			1 6 8 3 2 0 3													1 8 2 5 2 5 0	
2.	Net construction contract value (316A)	58																				
3.	Other receivables from group companies (351A) - /391A/	59																				
4.	Other receivables within a participating interest except for receivables from group companies (351A) - /391A/	60																				
5.	Receivables from partners, members and participants in an association (354A, 355A, 358A, 358A) - /391A/	61																				
6.	Social security insurance (336A) - /391A/	62																				
7.	Tax assets and liabilities (341, 342, 343, 345, 346, 347) - /391A/	63			1 1 4 9 9 6 7 8 2			1 1 4 9 9 6 7 8 2														1 1 0 6 3 5 4 6 6
8.	Receivables from derivative transactions (373A, 376A)	64																				
9.	Other receivables (335A, 333A, 371A, 374A, 375A, 378A) - /391A/	65				1 5 2 9 4			1 4 6 4 5													6 4 9
B.IV.	Total current financial assets (I. 67 to I. 70)	66			2 1 0 1 6			2 1 0 1 6														2 8 1 3 3
B.IV.1	Current financial assets in group companies (251A, 252A, 256A, 257A, 258A) - /291A, 295A/	67			2 1 0 1 6			2 1 0 1 6														2 0 8 0 6
2.	Current financial assets including current financial assets in group companies (252A, 254A, 256A, 257A, 258A) - /291A, 295A/	68																				
3.	Treasury stock and treasury shares (292)	69																				
4.	Current financial assets in acquisition (259, 314A) - /291A/	70																				

UZPOD4.7

Balance
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ROD 1.01

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Description a	ASSETS b	Line c	Current Reporting Period						Immediately-Preceding Reporting Period																													
			Gross - Part 1			Net 3			Gross - Part 1			Net 3																										
			1	2	3	4	5	6	7	8	9	0	1	2	3																							
B.V.	Financial accounts I. 72 + I. 73	71	2	1	6	0	8	7	3	9	0	2	1	6	0	8	7	3	9	0	2	1	6	0	8	7	3	9	0	2	1	6	0	8	7	3	9	0
B.V.1.	Cash on hand (211, 213, 216)	72	9	0	5	9	0					9	0	5	9	0					9	0	5	9	0					1	7	4	4	8				
2.	Bank accounts (221A, 22X, +1 261)	73	2	1	5	9	9	6	8	0	0	2	1	5	9	9	6	8	0	0	2	1	5	9	9	6	8	0	0	2	1	5	9	9	6	8	0	0
C.	Total accruals and deferrals (I. 75 to I. 78)	74	3	7	0	6	0	9	3			3	7	0	6	0	9	3			3	7	0	6	0	9	3			2	3	7	8	9	3	2		
C.1.	Non-current deferred expenses (381A, 382A)	75	1	4	7	2	3	7				1	4	7	2	3	7				1	4	7	2	3	7				1	4	7	5	5	1			
2.	Current deferred expenses (381A, 382A)	76	2	7	6	7	0	6				2	7	6	7	0	6				2	7	6	7	0	6				3	0	3	5	8	3			
3.	Non-current accrued income (385A)	77																																				
4.	Current accrued income (385A)	78	3	2	8	2	1	5	0			3	2	8	2	1	5	0			3	2	8	2	1	5	0			1	9	2	7	7	9	8		

Description a	EQUITY AND LIABILITIES b	Line c	Current Reporting Period						Immediately-Preceding Reporting Period													
			4	5	6	7	8	9	0	1	2	3										
A.	TOTAL EQUITY AND LIABILITIES I. 80 + I. 101 + I. 141	79	1	2	4	8	9	9	8	5	9	5	1	3	3	8	6	3	5	3	3	7
A.I.	Equity I. 80 + I. 85 + I. 86 + I. 87 + I. 90 + I. 93 + I. 97 + I. 100	80	2	1	6	3	7	4	9	6	2	2	1	8	3	9	9	1	3	5		
A.I.	Total registered capital (I. 82 to I. 94)	81	3	6	4	4	6	9	4	0		3	6	4	4	6	9	4	0			
A.I.1.	Registered capital (411 or +/- 491)	82	3	6	4	4	6	9	4	0		3	6	4	4	6	9	4	0			
2.	Changes in the registered capital +/- 419	83																				
3.	Receivables for subscribed capital (-/353)	84																				
A.II.	Share premium (412)	85																				
A.II.I.	Other capital funds (413)	86																				
A.IV.	Legal reserve funds I. 88 + I. 89	87	8	4	2	2	6	8	5			8	4	2	2	6	8	5				
A.IV.1.	Legal reserve fund and non-distributable fund (417A, 418, 421A, 422)	88	8	4	2	2	6	8	5			8	4	2	2	6	8	5				
2.	Reserve fund for treasury stock and treasury shares (417A, 421A)	89																				

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Balance
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ROD 1.01

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Description a	EQUITY AND LIABILITIES b	Line c	Current Reporting Period						Immediately-Preceding Reporting Period												
			4	5	6	7	8	9	0	1	2	3									
A.V.	Other funds from profit I. 91 + I. 92	90	2	9	9	8	8	8	3	3	3	2	1	4	6	5	7	4			
A.V.1.	Statutory funds (427, 42X)	91																			
2.	Other funds (427, 42X)	92	2	9	9	8	8	8	3	3	3	2	1	4	6	5	7	4			
A.VI.	Total revaluation reserves (I. 94 to I. 96)	93	9	8	9	3	9	2	3	8	9	9	7	8	1	4	6	2			
A.VI.1.	Asset and liability revaluation reserve (+/- 414)	94	-	1	6	1	5	2	0	6	2	-	1	5	3	0	9	8	3	8	
2.	Financial investments revaluation reserve (+/- 415)	95	1	1	5	0	9	1	3	0	0	1	1	5	0	9	1	3	0	0	
3.	Revaluation reserve from fusions, mergers and separations (+/- 416)	96																			
A.VII.	Profit/loss from previous years I. 98 + I. 99	97	3	8	1	9	4	9	0	7	3	6	9	9	6	1	4	8			
A.VII.1.	Retained earnings from previous years (428)	98	3	8	1	9	4	9	0	7	3	6	9	9	6	1	4	8			
2.	Accumulated losses from previous years (-/429)	99																			
A.VIII.	Profit/loss for the current reporting period after taxation +/- I. 91 - I. 93 + I. 85 + I. 96 + I. 97 + I. 99 + I. 93 + I. 97 + I. 101 (-/141)	100	4	3	8	2	3	5	9	4	6	0	5	3	2	6					
B.	Liabilities I. 102 + I. 118 + I. 121 + I. 122 + I. 136 + I. 139 + I. 140	101	9	1	8	8	5	8	5	8	1	0	0	7	3	0	4	0	5	7	
B.1.	Total non-current liabilities (I. 103 + I. 107 to I. 117)	102	5	5	1	4	3	2	2	7	5	8	7	6	6	5					
B.1.1.	Total long-term trade payables (I. 104 to I. 106)	103																			
1.a.	Trade payables to group companies (321A, 475A, 476A)	104																			
1.b.	Trade payables within a participating interest except for payables to group companies (321A, 475A, 476A)	105																			
1.c.	Other trade payables (321A, 475A, 476A)	106																			
2.	Net construction contract value (316A)	107	5	0	2	6	3	4	2	7	0	0	0	0	0	0	0				
3.	Other payables to group companies (471A, 47XA)	108																			
4.	Other payables within a participating interest except for payables to group companies (471A, 47XA)	109																			
5.	Other long-term payables (479A, 47XA)	110																			
6.	Long-term advance payments received (475A)	111																			
7.	Long-term bills of exchange to be paid (478A)	112																			
8.	Bonds issued (473A/-255A)	113																			
9.	Social fund payables (472)	114	4	8	7	9	8	0	5	8	7	6	6	5							
10.	Other non-current payables (336A, 372A, 474A, 47XA)	115																			
11.	Long-term payables from derivative transactions (373A, 377A)	116																			
12.	Deferred tax liability (481A)	117																			

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Description a	Item b	Line c	Actual																			
			Current Reporting Period 1							Immediately-Preceding Reporting Period 2												
			1	2	3	4	5	6	7	1	2	3	4	5	6	7						
-	Added value (I. 03 + I. 04 + I. 05 + I. 06 + I. 07) - (I. 11 + I. 12 + I. 13 + I. 14)	28	-	3	6	1	0	3	4	5	7	-	4	3	3	1	9	4	8	1		
--	Total revenues from financing activities (I. 30 + I. 31 + I. 35 + I. 39 + I. 42 + I. 43 + I. 44)	29	1	1	8	8	3	5	5	7	3	8	7	2	2	4	6	7				
VIII.	Revenues from the sale of securities and ownership interests (651)	30																				
IX.	Total revenues from non-current financial assets (I. 32 to I. 34)	31																				
IX.1.	Revenues from securities and ownership interests from group companies (655A)	32																				
2	Revenues from securities and ownership interests within a participating interest except for revenues from group companies (655)	33																				
3	Other revenues from securities and ownership interests (655A)	34																				
X.	Total revenues from current financial assets (I. 36 to I. 38)	35																				
X.1.	Revenues from current financial assets from group companies (656A)	36																				
2	Revenues from current financial assets within a participating interest except for revenues from group companies (656)	37																				
3	Other revenues from current financial assets (656A)	38																				
XI.	Interest income (I. 40 + I. 41)	39			1	8	1	0	7	7			2	5	4	1	4	7				
XI.1.	Interest income from group companies (662A)	40																				
2	Other interest income (662A)	41			1	8	1	0	7	7			2	5	4	1	4	7				
XII.	Foreign exchange gains (663)	42															-	2	0			
XIII.	Gains on revaluation of securities and revenues from derivative transactions (664, 667)	43																				
XIV.	Other revenues from financing activities (668)	44			1	1	7	0	2	4	8	0			3	8	4	6	8	3	4	0
--	Total costs of financing activities (I. 46 + I. 47 + I. 48 + I. 49 + I. 52 + I. 53 + I. 54)	45	1	6	7	4	6	0	1	5	4	2	8	1	8	7	5	6				
K.	Securities and ownership interests sold (561)	46																				
L.	Expenses related to current financial assets (565)	47																				
M.	Provisions for financial assets (+/-) (565)	48																				
N.	Interest expense (I. 50 + I. 51)	49																				
N.1.	Interest expense for group companies (562A)	50																				
2	Other interest expense (562A)	51																				
O.	Foreign exchange losses (563)	52						1	7	8								4	1			
P.	Expenses for revaluation of securities and expenses related to derivative transactions (564, 567)	53																				
O.	Other costs of financing activities (568, 569)	54			1	6	7	4	5	8	3	7			4	2	8	1	8	7	1	5



Description a	Item b	Line c	Actual																			
			Current Reporting Period 1							Immediately-Preceding Reporting Period 2												
			1	2	3	4	5	6	7	1	2	3	4	5	6	7						
---	Profit/loss from financing activities (+/-) (I. 29 - I. 45)	55			-	4	8	6	2	4	5	8			-	4	0	9	6	2	8	9
----	Profit/loss for the reporting period before taxation (+/-) (I. 27 + I. 55)	56			7	9	5	3	1	9	0			7	4	1	7	6	0	8		
R.	Income tax (I. 58 + I. 59)	57			3	5	7	0	8	3	1			2	8	1	2	2	8	2		
R.1.	Current income tax (591, 595)	58			3	6	3	4	2	4	7			2	9	1	0	2	9	0		
2	Deferred income tax (+/-) (592)	59			-	6	3	4	1	6			-	9	8	0	0	8				
S.	Profit/loss of partnership transferred to partners (+/-) (596)	60																				
---	Profit/loss for the reporting period after taxation (+/-) (I. 56 + I. 57 + I. 60)	61			4	3	8	2	3	5	9			4	6	0	5	3	2	6		



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Independent Auditor's Report

To the Shareholder, Supervisory Board and Board of Directors of Jadrová výrobovacia spoločnosť, a.s.:

Financial Statements Audit Report

Opinion

We have performed an audit of Financial Statements of Jadrová výrobovacia spoločnosť, a. s. („Company“), that include the Balance Sheet as to 31 December 2020, the Profit and Loss Account for the year ending as to the specified date, and Notes involving a summary of significant accounting policies and accounting methods.

In our opinion, the attached Financial Statements provide a true and fair view of the Company financial situation as to 31 December 2020 and of the economic result for the year ending as to the specified date, in compliance with Act No. 431/2002, Coll., on Accounting, as amended (hereinafter referred to as „Act on Accounting“).

Basis for the Opinion

We have performed the audit in compliance with international auditing standards (International Standards on Auditing, „ISAs“). In compliance with these standards, our responsibility is specified in the Auditor's Responsibility for the Audit of Financial Statements paragraph. We are independent on the Company, in compliance with provisions of Act No. 423/2015, Coll., on Statutory Audit and on Amendments to Act No. 431/2002, Coll., on Accounting, as amended (hereinafter referred to as „Act on Statutory Audit“), related to ethics, including the Auditor's Code of Ethics, relevant to our audit of Financial Statements and we have also met other requirements specified by those provisions relating to ethics. We are convinced that auditor evidence we have obtained provide a sufficient and appropriate basis for our opinion.

Accentuation of Facts

We call attention to Notes III.4, IV.2 and VIII.2 to the Financial Statements. The Company has measured its liabilities and charged the related claims in connection with the decommissioning of nuclear power engineering and non-power engineering equipment, spent nuclear fuel storage and radioactive waste processing on an equal level, based on the updated Nuclear Power Engineering Back End Strategy that was approved by the Government of the Slovak Republic in the year 2014. Estimates and assumptions considered by the management when producing these provisions are, by their nature, sensitive to expectations of developments in future costs and projected cash flows, inflation, discount rates, technical plans and amendments to government legal regulations. Any changes in these parameters could affect significantly the value of provisions reported in the Company Financial Statements in future periods.

We call attention to Notes I.1.2 and III.2 to the Financial Statements. The Company has established a joint venture Jadrová energetická spoločnosť Slovenska, a.s. (JESS, j.s.c.) along with ČEZ Bohnice a.s., which is a subsidiary of ČEZ, a.s., in order to construct a new nuclear power source. The future development and return on this investment in the joint venture depend on the successful implementation of the project of the new nuclear power source construction and subsequent operations on the Jaslovské Bohunice site. The decision on the construction will be made in the future.

With regard to the facts, our opinion is not modified.



Responsibility of the Statutory Body and Persons Entrusted to Administer Financial Statements

The Statutory Body is responsible for the preparation of the Financial Statements so that they can provide a true and fair view in compliance with the Act on Accounting, and for those internal checks it considers as necessary for the preparation of the Financial Statements, that do not contain any significant incorrect items whether due to a fraud or an error.

When preparing the Financial Statements, the Statutory Body is responsible for the assessment of the Company ability to continue continually its activities, for the description of facts related to the continual continuation of the activities, if necessary, and for the use of the assumption of continual continuation of the activities in accountancy, unless it intends to wind-up the Company or terminate its activities, or it would not have any other realistic possibility than to do so.

Persons entrusted to administer are responsible for the supervision over the process of financial reporting of the Company.

Auditor's Responsibility for the Audit of Financial Statements

It is our responsibility to obtain an adequate assurance that the Financial Statements, as a whole, do not comprise any significant incorrect items, whether due to a fraud or an error, and to issue the Auditor's report including the opinion. The adequate assurance is a high-degree assurance, but it is not a guarantee that the audit performed in compliance with ISAs will always reveal significant incorrect items, if they exist. The incorrect items can occur due to a fraud or an error and they are considered as significant if it could be reasonably expected that they could, individually or in the summary, affect economic decisions of users made on the basis of the Financial Statements.

Within the framework of the audit performed in compliance with ISAs, we apply professional judgements and maintain professional scepticism during the whole audit. In addition:

- We identify and review risks of a significant incorrect item in the Financial Statements whether due to a fraud or an error, we propose and implement auditor procedures responding to these risks and we obtain auditor evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of failure to reveal a significant incorrect item due to a fraud is higher than the risk due to an error, because a fraud can include a collusion, counterfeiting, a deliberate omission, a false statement or a circumvention of internal checks.
- We make our acquaintance with internal checks relevant to the audit in order to be able to propose auditor procedures appropriate under the given circumstances, but not for the purpose of expressing an opinion on the effectiveness of Company internal checks.
- We assess the appropriateness of used accounting policies and accounting methods and the adequacy of accounting estimates and the provision of information related thereto performed by the Statutory Body.
- We draw a conclusion whether the Statutory Body uses appropriately, within the accounting, an assumption of continual continuation of activities and, on the basis of auditor evidence obtained, we draw a conclusion whether there is a significant uncertainty in connection with events or circumstances that could question significantly the Company ability to continue continually the activities. If we come to a conclusion that there is such a significant uncertainty, we are obliged to call attention in our auditor report to related information given in the Financial Statements, or, if the information is not sufficient, to modify our opinion. Our conclusions are based on auditor evidence obtained as to the date of issue of our auditor report. However, future events or circumstances can cause that the Company will stop the continuation of continual activities.
- We assess the overall presentation, structure and contents of the Financial Statements including information given therein, as well as whether the Financial Statements capture transactions completed and events occurred in such a way that leads to their fair illustration.

We communicate with persons entrusted to administer, among others, about the planned audit scope and schedule and about significant audit findings, including all significant deficiencies in internal checks we identify during our audit.

Report to Additional Requirements Specified by Acts and Other Legal Regulations

Report to Information Given in the Annual Report

The Statutory Body is responsible for information given in the Annual Report prepared in compliance with requirements specified by the Act on Accounting. Our above given opinion on the Financial Statements does not apply to other information in the Annual Report.

In connection with the audit of Financial Statements, it is our responsibility to make our acquaintance with information given in the Annual Report and to review whether the information are not in a significant discrepancy with the audited Financial Statements or with our knowledge that we obtained during the audit of the Financial Statements, or that otherwise seem to be significantly incorrect.

As to the date of issue of the auditor report of the audit of the Financial Statements, we did not have the Annual Report available.

When we obtain the Annual Report, we will review whether the Company Annual Report comprises information the Act on Accounting requires to be given and, on the basis of work performed during the audit of the Financial Statements, we will express our opinion whether:

- information given in the Annual Report prepared for the year 2020 is in compliance with the Financial Statements for the given year,
- the Annual Report comprises information in compliance with the Act on Accounting.

Moreover, we will state whether we have identified any significant incorrect items in the Annual Report, based on our knowledge of the accounting entity and the situation therein we obtained during the audit of the Financial Statements.

On 18 March 2021
Bratislava, Slovak Republic

Ernst & Young Slovakia, Ltd.
SKAU Licence No. 257

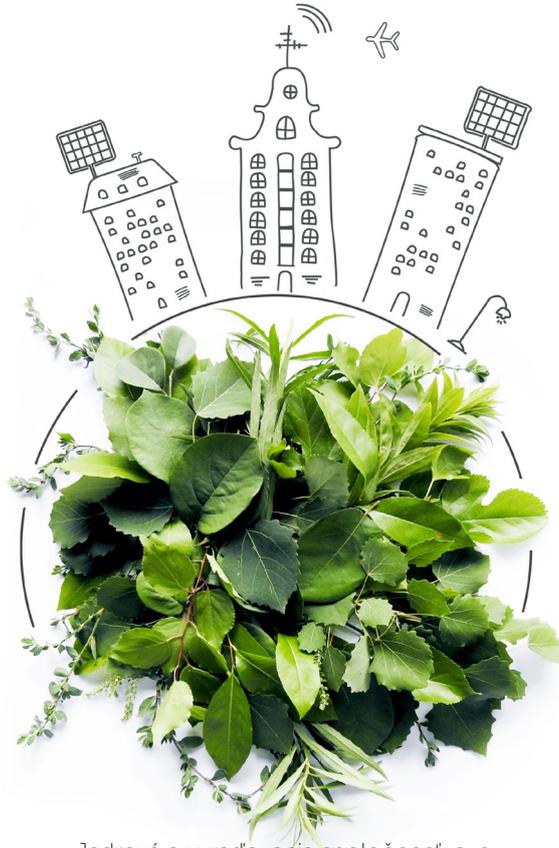


Ing. Tomáš Přeček, Statutory Auditor,
UDVA Licence No. 1067

ABBREVIATIONS

AKOBOJE	Automated Complex of NPP Security
ALARA	As Low As Reasonable Achievable – principle of persons' radiation exposure optimization
BIDSF	Bohunice International Decommissioning Support Fund
BRWTC	Bohunice Radioactive Waste Treatment Centre
CO	Carbon monoxide
C _{org}	Organic carbon
CRAM	Captured radioactive materials
EBRD	European Bank for Reconstruction and Development
EU	European Union
FCC	Fibre concrete container
FP LRAW	Final Processing of Liquid Radioactive Waste
IAEA	International Atomic Energy Agency
INES	International Nuclear Event Scale
IRAW	Institutional radioactive waste
ISFS	Integral radioactive waste storage
ISFS	Interim Spent Fuel Storage
JAVYS, a. s.	Jadrová a vyradovacia spoločnosť, a joint stock company
LIA	Long-term intangible assets
LLW	Low-level waste
LRAW	Liquid radioactive waste
LTA	Long-term tangible assets
MEc SR	Ministry of Economy of the Slovak Republic
ME _n SR	Ministry of Environment of the Slovak Republic
MPB	Main Production Building
NF	Nuclear facility
NNF SR	National Nuclear Fund of the Slovak Republic
NPP	Nuclear power plant
NO _x	Oxides of nitrogen
NRA SR	Nuclear Regulatory Authority of the Slovak Republic
NRAWR	National Radioactive Waste Repository
PHA SR	Public Health Authority of the Slovak Republic
PMU	Project Manager Unit
RAW	Radioactive waste
RAW PTT	Radioactive Waste Processing and Treatment Technologies
RM	Radioactive materials
RMUO	Radioactive materials of unknown origin
SE, a. s.	Slovenské elektrárne, a joint stock company
SE-EBO	Slovenské elektrárne, a joint stock company, Bohunice Nuclear Power Plant (V2 NPP)
SE-EMO	Slovenské elektrárne, a joint stock company, Mochovce Nuclear Power Plant (EMO1,2)
StEA	Slovak Innovation and Energy Agency
SNF	Spent nuclear fuel
SO ₂	Sulphur dioxide
SR ²	Slovak Republic
VLLW	Very low-level radioactive waste





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