javys

ANNUAL REPORT 2024

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MISSION

- **Operation, management and decommissioning of nuclear instalations.**
- **Radioactive waste management and transport.**
- **Spent fuel management and transport.**

AUTHORISATION FOR THE PERFORMANCE OF ACTIVITIES BY THE ME SR

On the basis of the provisions of Act No. 541/2004 Coll. on peaceful use of nuclear energy (Atomic Act) and on the amendment to certain acts, as amended, the Ministry of Economy of the Slovak Republic has authorised JAVYS, a. s., on behalf of all operators of nuclear installations, to carry out activities related to the disposal of radioactive waste and spent fuel at national level.

JAVYS, a. s. is the only company that has professionally competent personnel, appropriate technical means, facilities built for the performance of these activities and holds authorisations issued by supervisory authorities.

All activities are carried out in accordance with the approved National Policy and National Programme for the Management of Spent Nuclear Fuel and Radioactive Waste in the Slovak Republic and in accordance with the principles of EC Directive 2011/70/Euratom.

01

ADDRESS BY THE VICE-CHAIRMAN OF THE BOARD OF DIRECTORS AND CHIEF EXECUTIVE OFFICER

Ladies and Gentlemen,

The annual report is an important document that contains a summary of the activities carried out, significant milestones, the state of safety of operations and the Company's management for the past year, and is also a mirror of management decisions and the overall state of the Company. I am therefore pleased to be able to state that in each of the areas listed, we have continued to uphold our professionalism and expertise in 2024, while complying with all domestic and international legislative regulations and discharge limits.

In 2024, JAVYS continued its main tasks, in particular the decommissioning of the two oldest nuclear power plants - A1 and V1 at Jaslovské Bohunice. Decommissioning was carried out in accordance with the EIA process and the National Policy and National Programme. In parallel with these activities, it implemented radioactive waste management processes and RAW transport processes.

The key activities of our Company include the decommissioning of the nuclear power plants (NPP) A1 NPP and V1 NPP. In the decommissioning of the A1 NPP in 2024, the final part of Stages III and IV was successfully carried out, while the preparation for Stage V, including the EIA process, was under way; it is scheduled to start in 2025. The decommissioning of the V1 NPP is currently in the second and final stage, which is expected to be completed in 2029 due to delays in the procurement process beyond the control of JAVYS, a.s. The V1 NPP site will be released for further industrial use after the decommissioning is completed.

At the same time, our Company provides management of institutional radioactive waste and captured radioactive material throughout the Slovak Republic.

All activities within the processes of the A1 NPP and V1 NPP - radioactive waste management and transport, management of institutional radioactive waste and captured radioactive material - were carried out in 2024 in compliance with the conditions of nuclear safety, radiation protection, occupational health and safety, fire protection and environmental protection.

In addition to the main activities mentioned above, our Company is also active in the preparation of the construction of a new nuclear source (NNS). These activities are covered by our subsidiary Jadrová energetická spoločnosť Slovenska (JESS), in which ČEZ Invest Slovensko holds a 49% stake. In 2024, a legally binding permit was issued for the location of a new nuclear installation at the Jaslovské Bohunice site. This is a significant milestone on the way to a new nuclear power plant with expected commissioning in 2040. A key aspect of the implementation of this project will be the selection of the technology supplier, which is expected to start during 2025. Emphasis will be placed on reliability, safety and meeting environmental requirements, and the selection process will also include Slovak businesses to ensure maximum use of domestic supply capacity.

Our company is also active in the search for new, innovative solutions in the use of nuclear energy, which is why in April we became a member of the European Industrial Alliance on Small Modular Reactors (SMR). At the same time, we are developing our cooperation with the French company newcleo, where we are collaborating on the development of AMRs. These can play an important role in the future in providing the necessary sources for stable and long-term power generation.

We are very pleased that the quality of our experts and professionalism in carrying out decommissioning activities is also confirmed by many important domestic and international visits and excursions to all our sites. We are actively looking for opportunities to develop new collaborations and communicate with foreign partners who are interested in our long-standing experience and know-how.

We are aware that the operation of nuclear installations, as well as the storage or management of radioactive waste or spent nuclear fuel, is perceived by the general public with some concern. Therefore, we communicate very transparently with the civic information commissions that are active in the vicinity of the nuclear installations (Jaslovské Bohunice and Mochovce).

Finally, I would like to appreciate the high commitment, expertise and professional approach of the employees, as well as the cooperation with the representatives of the local government concerned, the municipalities associated in the Bohunice and

Mochovce Civic Information Commission, the regional associations and their correct and constructive approach and direct communication in the search for common consensual solutions. The open dialogue, support and understanding of all stakeholders is appreciated and is crucial for us in the development of the Company and in the continuation of the decommissioning processes.

Ing. Miroslav Obert,
Vice-Chairman of the Board of Directors and Chief Executive Officer of JAVYS, a. s.

02

BODIES OF THE COMPANY

The Board of Directors of JAVYS, a. s.

Chairman
JUDr. Vladimír Švigár until 14 August 2024
RNDr. Peter Gerhart, PhD. from 20 September 2024

Vice-Chairman
Ing. Tomáš Klein until 24 June 2024
Ing. Miroslav Obert from 24 June 2024

Members
RNDr. Peter Gerhart, PhD. until 19 September 2024
Ing. Ivan Galbička from 24 April 2024
Ing. Milan Bárdy from 15 August 2024

The Supervisory Board of JAVYS, a. s.

Chairman
RNDr. Ing. Pavol Švec, CSc.

Members
Dr.h.c.mult. prof. Ing. Jozef Živčák, DrSc., MPH.
RNDr. Tibor Rapant, PhD.
Ing. Ivana Ščasnovičová, PhD.
RNDr. Roman Jakubec
Mgr. Zoran Kupkovič until 20 September 2024
JUDr. Mgr. Lenka Hmírová, RSc.
JUDr. Róbert Spál, LL.M, MBA
Doc. RNDr. Eva Viglašová PhD.

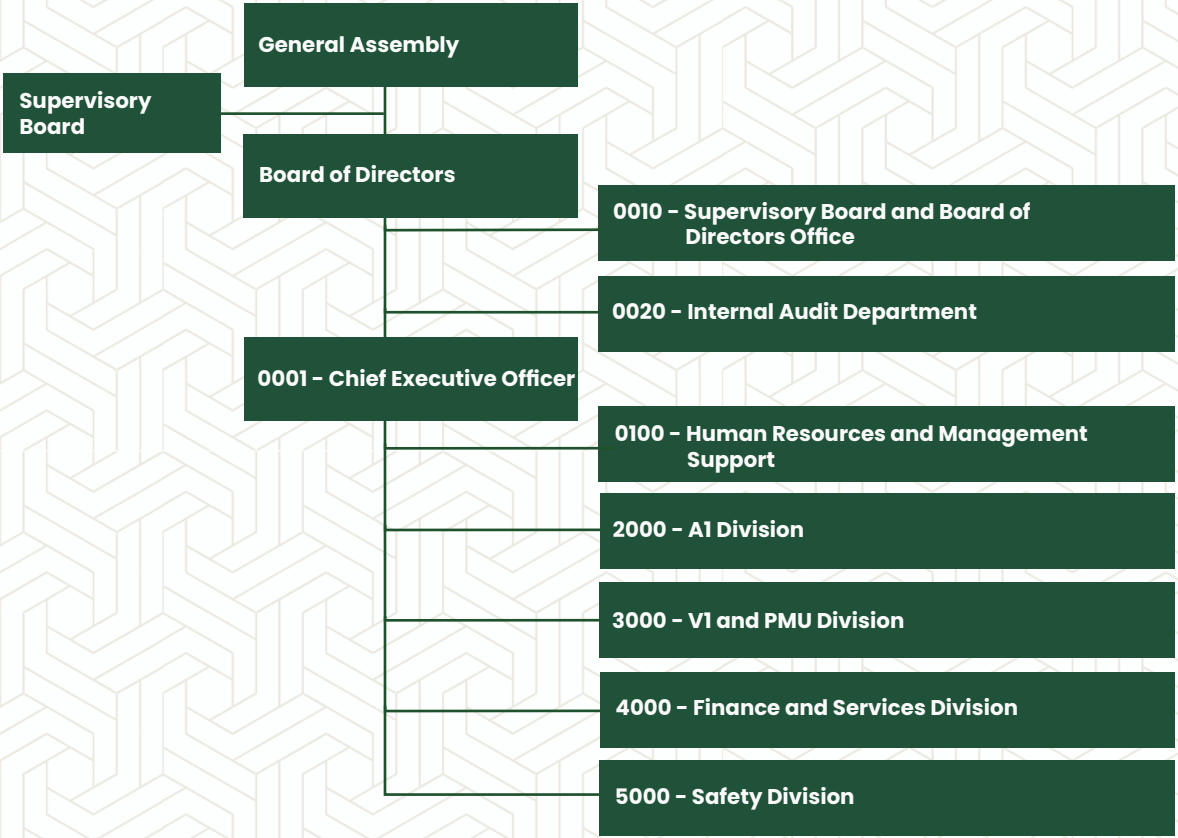
EXERCISE OF SHAREHOLDERS´RIGHTS

Jadrová a vyraďovacia spoločnosť, a. s. exercises shareholders' rights in Jadrová energetická spoločnosť Slovenska, a. s. in a joint venture with a foreign shareholder, in which JAVYS, a. s. owns a 51 % stake and the Czech energy group ČEZ owns 49 % of the shares in Jadrová energetická spoločnosť Slovenska, a. s. The creation of Jadrová energetická spoločnosť Slovenska, a. s. has opened up space for the preparation of the project for the construction of a new nuclear power plant and other activities in Jaslovské Bohunice, with the Company's activities being fully governed by the applicable provisions of the Commercial Code and the Articles of Association of the Company.

03

ORGANISATIONAL STRUCTURE AND HUMAN RESOURCES

ORGANISATIONAL STRUCTURE



Organisational structure valid as of 31 December 2024.

HUMAN RESOURCES

As of 31 December 2024, JAVYS, a. s. had the number of employees on the register 756, which is 23 employees more compared to the number of employees as of the same period last year.

EMPLOYEE STRUCTURE		
	as of 31 December 2024	**Share in %**
Blue collar workers	135	17.86
Technical-administrative employees	621	82.14
Total	**756**	**100.00**

EMPLOYEE STRUCTURE BY EDUCATION		
	as of 31 December 2024	**Share in %**
Primary	0	0.00
Secondary	453	59.92
University	303	40.08
Total	**756**	**100.00**

EMPLOYEE TRAINING AND EDUCATION

The process of training and education of employees ensures the development of qualified personnel for implementation of activities of operation and decommissioning of the nuclear installations of the licence holder JAVYS, a. s. Qualified staff is a key element of the Company and brings improvement and efficiency to the Company's operations. The Integrated Management System Manual defines the Policy of Training of Employees of JAVYS, a. s.; **the objective is to ensure and maintain competent staff for safe, reliable, ecological and economical operation of the Company's production and technological facilities in accordance with the principles of safety culture and ALARA principles, with a minimum impact of the human factor on the occurrence of operational incidents.**

Jadrová a vyraďovacia spoločnosť, a. s. approaches the development of human resources in accordance with the planned and approved concepts for the development of education and training of employees. Employee education and training is planned in advance and subject to control by the regulatory authorities. It is ensured and implemented in accordance with the legislation, defined in the management documentation - the system of professional training of employees. Training programmes and the content of educational activities are regularly reviewed and updated in the light of changes in the technology of nuclear installations.

In 2024, the fulfilment of the objective was controlled by the state supervision authorities in the field of education and training of employees in accordance with Act No. 541/2004 Coll. (Atomic Act) and Decree No. 52/2006 Coll. of the NRA SR on professional competence, as amended. The training was carried out in accordance with the annual training schedules and the requirements of the professional units. In the context of the operating and decommissioning authorisations for nuclear installations, all the conditions for the professional competence of employees have been met.

The main priority of training for the performance of professional activities was the fulfilment of the requirements of Act No. 124/2006 Coll., Decree No. 508/2009 Coll. of the MLSAF SR and other legislation, with a focus on the safe conduct of work activities at nuclear installations.

Motivation tools on the part of the employer and the initiative to "advance professionally" on the part of the employee lead to increasing and deepening the qualification of the Company's staff. In 2024, training, courses and seminars were provided, and educational activities focused on decommissioning of nuclear installations, managerial management, lecturing skills, environment and waste management, economics, finance, controlling and reporting, radiation protection, nuclear and conventional safety, cybersecurity and personal data protection were carried out. The training was carried out in the form of video presentations, online trainings, seminars, and courses. In cooperation with lecturers, lecturing was provided through pre-recorded video lectures and video presentations.

The nuclear installations of JAVYS, a. s. were operated by competent personnel who ensured safe, reliable, environmentally friendly and economical operation so that the nuclear and conventional safety of nuclear installations was not compromised.

04

STRATEGY AND QUALITY ASSURANCE

STRATEGY

The strategy of JAVYS, a. s. is to fulfil the vision and mission of the Company while respecting the Energy Security Strategy of the Slovak Republic and the National Policy and National Programme for the Management of Spent Nuclear Fuel and Radioactive Waste in the Slovak Republic, as well as important decisions of the regulatory authorities, and the implementation of the strategy of JAVYS, a. s. in 2024 took place in the following strategic areas:

a) RAW, SF, IRAW and RMUO management
JAVYS, a. s. implemented all planned activities related to the management of RAW, SF, IRAW and RMUO in accordance with the National Policy and National Programme for the Management of Spent Nuclear Fuel and Radioactive Waste in the Slovak Republic and the Comprehensive Programme for the Management of RAW and SF in JAVYS, a. s.

b) Decommissioning of the A1 NPP
The tasks related to the safe, efficient and reliable decommissioning of the A1 NPP in accordance with the National Policy and National Programme for the Management of Spent Nuclear Fuel and Radioactive Waste in the Slovak Republic, the Plan for Stages III and IV of A1 NPP decommissioning and the decommissioning concept for the period after the end of the authorised phase were fulfilled within the set deadlines.

c) Decommissioning of the V1 NPP
Tasks related to the safe, efficient and reliable decommissioning of the V1 NPP in accordance with the NPP V1 Stage II Decommissioning Plan, the V1 NPP Decommissioning Strategy, the Detailed Decommissioning Plan and the planning documents of JAVYS, a. s., and in accordance with the National Policy and National Programme for the Management of Spent Nuclear Fuel and Radioactive Waste in the Slovak Republic were fulfilled within the set deadlines.

d) Company development
JAVYS, a. s., carried out activities related to the preparation and implementation of approved investment projects and actions.

e) Finance and services
For 2024, an operating profit of EUR 4,693 thous. was planned, the actual operating profit was EUR 15,216 thous.

f) Company management
Within this area, an effective management system of JAVYS, a. s. was developed in accordance with the approved concept of the strategy for V1 NPP and A1 NPP decommissioning and the National Policy and National Programme for the Management of Spent Nuclear Fuel and Radioactive Waste in the Slovak Republic through:

• the implementation of the recertification audit in accordance with the requirements of 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,

• the implementation of the 2nd periodic audit in accordance with the requirements of ISO/IEC 27001:2013 for the information security management system,

• the training of employees for safe, reliable, ecological and economical operation of the Company's production and technological facilities in accordance with the principles of safety culture and ALARA principles, with a minimum impact of the human factor on the occurrence of operational incidents,

• the development of information technologies - innovation and supplementation of the existing network infrastructure was ensured, cybersecurity tools were introduced into the infrastructure of JAVYS, a. s., cybersecurity requirements were introduced and compliance with the requirements of the Act on Cybersecurity was achieved at JAVYS, a. s.

JAVYS, a. s. built a good reputation in this area in the internal and external environment as a trustworthy institution, with an emphasis on the social significance of the Company's activities, the protection of health of the population and the environment, while the level of management of the occupational health and safety system was increased and permanently improved with the aim of limiting potential health ha-

zards due to the impact of technological processes, technical equipment, people's activities and the working environment.

g) International commercial activities
JAVYS, a. s. continued to win new contracts in 2024 in consulting projects for decommissioning of nuclear installations and management of RAW and IRAW.

QUALITY ASSURANCE

In 2024, JAVYS, a. s. regained the certificates according to **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 as part of the recertification audit. The certificates are **valid until 10 February 2028** for the focus area *"Decommissioning of nuclear installations and management of radioactive waste, institutional radioactive waste, radioactive materials of unknown origin and spent fuel".*

In 2024, JAVYS, a. s. also passed the 2nd periodic audit according to **ISO/IEC 27001:2013** for the information security management system. That certificate is **valid until 24 July 2025** for the focus area *"Management of systems for the decommissioning of nuclear installations and for the management of radioactive waste, institutional radioactive waste, radioactive material of unknown origin and spent fuel in accordance with the Statement of Applicability, ver. 02, issued 2022/06/13".*

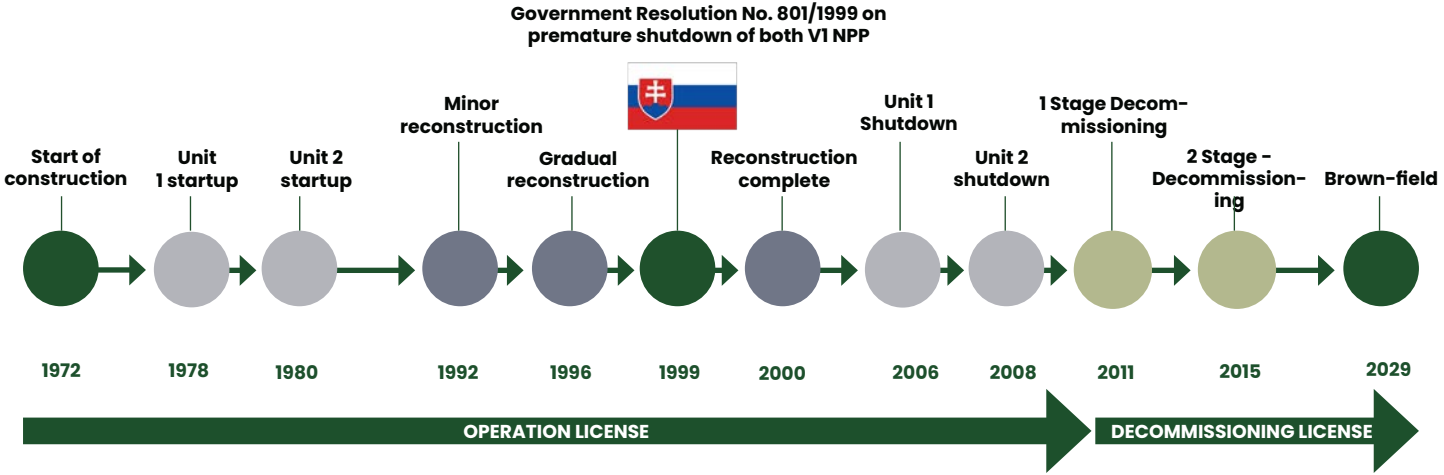
The long-term goal of JAVYS, a. s. is to present itself as a trustworthy company that carries out activities related to the decommissioning of nuclear installations and the management of radioactive waste, institutional radioactive waste, radioactive material of unknown origin and spent fuel at a high-quality level, with maximum emphasis on safety, protection of health of employees and inhabitants of the region, as well as the protection of the environment. Achieving or maintaining certification also shows that the Company is functioning, carrying out its mission within internationally recognised standards and is safely managed.

05

DECOMMISSIONING OF NUCLEAR INSTALLATIONS

V1 NPP DECOMMISSIONING

The objective of V1 NPP decommissioning is to achieve the exclusion of the V NPP site from the scope of the Atomic Act. This objective is accomplished through activities related to the dismantling of systems and equipment, decontamination of building surfaces with the following demolition of buildings and backfill, cleaning of the site, management of material from V1 NPP decommissioning, safe disposal of radioactive waste in the National RAW Repository in Mochovce, or its safe storage in the Integral RAW Storage Facility in Jaslovské Bohunice. The V1 NPP site will be released for further industrial use after the decommissioning is completed. The decommissioning of the V1 nuclear power plant in Jaslovské Bohunice consisting of two units is planned through partial projects in two stages.



On 23 December 2014, the Nuclear Regulatory Authority (NRA) of the SR issued Decision No. 900/2014, on the basis of which the implementation of the second stage of decommissioning of the V1 NPP started in 2015. It included the permit for RAW management. During 2021, the original decommissioning completion date was revised (31 December 2025). After the analysis of the critical path of V1 NPP decommissioning, determination of the causes of deviations from the original decommissioning plan, evaluation of options for further procedures, risks, and adoption of measures, the date of decommissioning completion in December 2027 was adopted with the consent of all concerned parties (i.e. the European Commission, the Ministry of Economy of the Slovak Republic, the Slovak Innovation and Energy Agency, the European Bank for Reconstruction and Development). However, this deadline was conditional on the achievement of the deadlines set in the revised critical path for decommissioning and the timely procurement of project D4.7.01 "Decontamination and Demolition of V1 NPP Buildings and Site Restoration". Following the completion of the procurement process, on 18 December 2024, a contract was signed for this project for a period of 60 months with an expected work completion date in 2029.

During 2024, the implementation of V1 NPP Decommissioning activities continued in accordance with the V1 NPP Decommissioning 2nd Stage Plan and in accordance with the decision of the NRA SR for Stage 2 of V1 NPP decommissioning.

MAIN V1 NPP DECOMMISSIONING ACTIVITIES IN 2024

- Securing and disconnecting systems.
- Implementation of projects:
  - Decommissioning Support Surveys
  - dismantling of unnecessary equipment and systems in the controlled area of the V1 NPP,
  - dismantling and fragmentation of equipment and large-scale components of the primary circuit of both V1 NPP units,
  - modifications to equipment and systems used in the V1 NPP decommissioning.
- Radioactive and non-radioactive (hazardous and other) waste management.
- Preparation of technical documentation for the V1 NPP Stage 2 decommissioning projects.

In 2024, the implementation of the key project of V1 NPP decommissioning D4.2 "Dismantling of Reactor Coolant System Large Components" continued; its main objective is the dismantling of contaminated and activated equipment (reactor pressure vessels of both units, reactor internals, steam generators, main circulation pumps, main isolation valves, primary circuit piping and other primary circuit technological components) in the controlled area of the main reactor building of V1 NPP.

In 2024, the dismantling of the fragmentation and decontamination workplaces DKP1, DKP2 and FP1 as well as of other unnecessary workplaces and equipment was carried out after the completion of the fragmentation of the contaminated equipment. Removal of contaminated concrete from the walls and floors of the boric acid tank rooms and the spent fuel storage pool at Units 1 and 2 was ongoing. The removal of the lining from the containment area floor was carried out. Subsequent to the completion of the dismantling/demolition work, room clearance and cleaning was carried out. Preparation of as-built documentation, accompanying documentation and photo/video documentation of the work executed continued. Within the scope of the project, the treatment of contaminated metallic materials from the decommissioning of the V1 NPP was executed at fragmentation and decontamination facilities during 2024. From June 2019, when the operation of the fragmentation and decontamination facilities at the V1 NPP started, to the end of 2024, 4,310 t of metal contaminated material was processed, including **442 t** in 2024. Of the **4,310 t** of metal contaminated material in question, **3,760 t** of recoverable materials were released into the environment after decontamination.

During 2024, the implementation of the project D4.4C.01 *"Dismantling of Systems in V1 NPP Controlled Area - Part 2, subproject D4.4C.01"* continued.

In 2024, as part of this project, activities of sludge removal from the tanks, decontamination of tank surfaces and subsequent dismantling and fragmentation of the tanks, removal of unnecessary equipment, piping, systems, electrical cables, and electrical equipment were executed.

In parallel with the dismantling activities, the challenging process of managing the generated radioactive waste, its transportation and the release of materials meeting the criteria for release into the environment continued.

Processing of periodic documents
V1 NPP decommissioning is managed by JAVYS, a. s. in compliance with Council Regulation (EURATOM) 2021/100 of 25 January 2021, in accordance with the Detailed Implementation Procedures defined in the current Work Programme and in line with the requirements of the European Commission. In this context, JAVYS, a. s. prepared the following periodic documents in the course of 2024:

Monitoring reports for the Bohunice Programme
Since 2015, regular bi-annual monitoring reports have been produced to assess progress in the decommissioning of the V1 NPP for the relevant half-year period. These documents are used by the Monitoring Committee to compare the planned objectives of the Detailed Decommissioning Plan with the results achieved during the monitoring period. In 2024, two monitoring reports were produced - the first for the evaluation period of the 2nd half of 2023 and the second for the evaluation period of the 1st half of 2024.

Work Programme (for 2024)
The document set targets, projected data for the calculation of V1 NPP decommissioning performance indicators and a timetable for the disbursement of funds for the calendar year 2024. The document served as a basis for the European Commission to monitor the progress of V1 NPP decommissioning.

Monitoring and audit
Regular visits by representatives of the European Commission ("Monitoring Mission") to monitor progress in V1 NPP decommissioning took place at the V1 NPP site in March and September 2024. Participants of the visits were representatives of the European Commission, EBRD, SIEA and ME SR. Neither the European Commission nor the EBRD conducted any audit at JAVYS, a. s. in 2024.

Bohunice Programme
V1 NPP decommissioning activities are co-financed from European Union (EU) sources through the Bohunice Programme - a programme to provide EU financial support for measures related to the decommissioning of the V1 NPP. The EU funds are managed by two delegated entities. The first delegated entity is the European Bank for Reconstruction and Development which manages the Bohunice International Decommissioning Support Fund (BIDSF). The second delegated entity is the Slovak Innovation and Energy Agency.
The funds from the BIDSF for the implementation of individual V1 NPP decommissioning projects are drawn on the basis of grant agreements concluded between JAVYS, a. s. and the EBRD. The actual

signing of the agreements is preceded by the preparation of documentation for individual projects, when JAVYS, a. s., as a beneficiary of assistance from the BIDSF, first identifies individual projects, proposes the method of their technical implementation and financing, and finally defends them through the Programme Coordinator (the ME SR) at the meeting of the Assembly of Contributors of the BIDSF, which is held once a year. JAVYS, a. s. has signed eighteen grant agreements with the EBRD for the financing of V1 NPP decommissioning projects in the total amount of EUR 494.5 mil. As at the end of 2024, six of them were active.

In August 2016, the national agency for V1 NPP decommissioning - SIEA - started its activities. The SIEA represents a parallel route of funding V1 NPP decommissioning projects using EU resources in addition to funding through the implementing body - EBRD.

EU funding for the Bohunice Programme has been distributed between the two implementing bodies since 2016. By the end of 2024, JAVYS, a. s., had four grant agreements signed with the SIEA in the total amount of EUR 193.1 mil. They concern the projects D4.4C.01 "Dismantling of Systems in V1 NPP Controlled Area - Part 2, subproject D4.4C.01", D4.7.01 "Decontamination and Demolition of V1 NPP Buildings and Site Restoration, subproject D4.7.01", RAO.01 "Project RAW MFF 2014-2020" and D0 "Implementation of the Decommissioning Programme Using The Human Resources Available at Bohunice V1 NPP". An amount of EUR 55 million for the Bohunice Programme is approved from EU sources under the Multiannual Financial Framework 2021-2027, conditional on a fifty percent co-financing from Slovak sources. The total estimated cost of V1 NPP decommissioning is EUR 1,220 million, with EU funding to cover an amount of EUR 735 mil.

Projects awarded an EU grant in 2024

During 2024, an EU grant was awarded for the project RAO.01 *"Project RAW MFF 2014-2020" and D0 "Implementation of the decommissioning programme using the human resources available at Bohunice V1 NPP".*

Contracts concluded for BIDSF projects in 2024

During 2024, a contract was signed with the contractor for the project D4.7.01 *"Decontamination and Demolition of V1 NPP Buildings and Site Restoration, subproject D4.7.01".* Amendments to contracts with existing contractors were signed (Amendments No.10 and No. 11 for project D4.2, Amendments No.3 and No. 4 for project D4.4C.01 and Amendments No.12 and No. 13 for project A1.11).

Projects under implementation during 2024

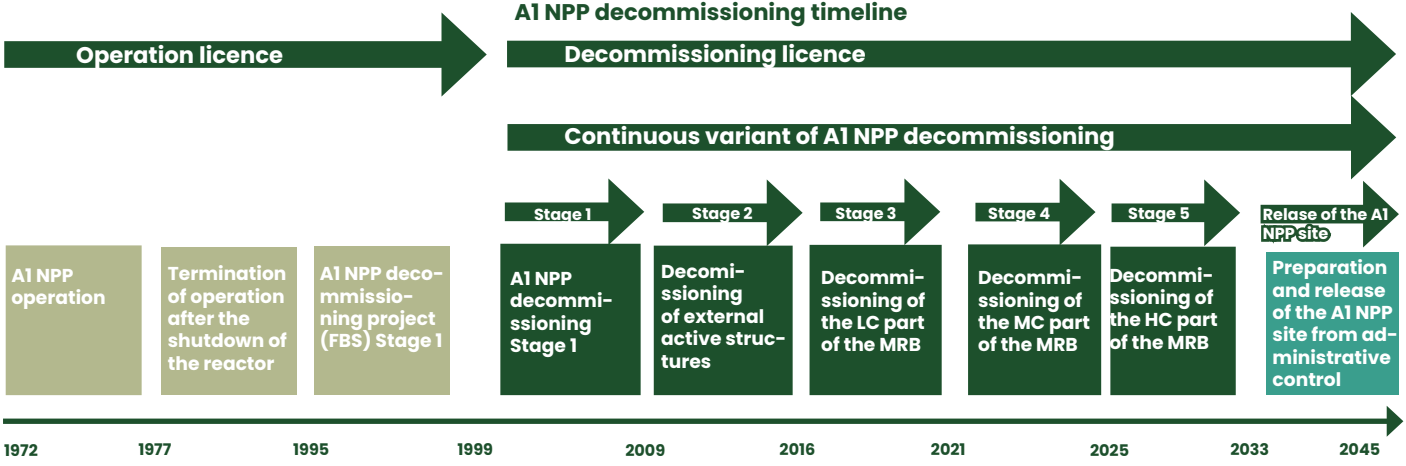
Project code	Project name	Period of implementation
A1.11	PMU consultant (Stage 11)	06/2021 - 06/2025
B6.6A	Decommissioning support surveys	03/2017 - 06/2025
D0	Implementation of the decommissioning programme using the human resources available at Bohunice V1 NPP	01/2024 - 12/2024
D4.2	Dismantling of reactor coolant system large components	10/2017 - 07/2025
D4.4C.01	Dismantling of systems in the controlled area of the V1 NPP - Part 2, subproject D4.4C.01	08/2019 - 11/2025
D4.7.01	Decontamination and demolition of V1 NPP buildings and site restoration, subproject D4.7.01	12/2024 - 12/2029

As of 31 December 2024, a total of sixty-six V1 NPP decommissioning projects had been completed and six projects were under implementation.

A1 NPP DECOMMISSIONING

A1 NPP decommissioning is executed in accordance with the EIA (Environmental Impact Assessment) process and the National Policy and National Programme for the Management of Spent Nuclear Fuel and Radioactive Waste in the Slovak Republic. It is divided into five continuously successive stages, with the planned completion of Stage V of A1 NPP decommissioning in 2033. The implementation of Stage I of the A1 NPP decommissioning started in 1999 and was completed in 2009. In 2009, A1 NPP decommissioning Stage II started, which, based on the achievement of all the objectives set out in the licensing documentation approved by the central government authorities, was completed as of 30 September 2016. On the basis of the licences issued by the Nuclear Regulatory Authority of the Slovak Republic and the Public Health Authority of the Slovak Republic, A1 NPP decommissioning Stages III and IV started on 1 October 2016 as a follow-up to completed Stage II, in compliance with the documentation assessed and approved by the central government authorities.

A1 NPP decommissioning timeline



MRB - main reactor building
LC part - low contaminated part
MC part - medium contaminated part
HC - high contaminated part

The subject of the ongoing Stages III and IV of A1 NPP decommissioning is defined by the central government authorities in the assessed and approved document Plan of Stage III and Stage IV of A1 NPP Decommissioning and its main activities in the main reactor building are vitrification of chrompik with activity of 1011 Bq/dm^3 which was originally used as a cooling medium for A1 spent fuel (SF), disposal of radiologically significantly contaminated casings originating from the process for long-term storage of A1 SF, the dismantling of the primary circuit technological equipment and section valves, the PG3 and PG4 steam generators, the turbochargers, the heavy water management and downstream technological equipment for the above technological systems, as well as the equipment installed for the preparation of spent fuel for transport to the Russian Federation. In the external structures of the A1 NPP, the activities in these ongoing stages are mainly focused on dismantling of technological equipment and building structures of the gas management structures, the liquid RAW storage facility, the solid RAW storage facility, remediation and sorting of contaminated soils, and monitoring and remediation of groundwater and groundwater seepage. At the same time as the above activities, an integral part of the decommissioning process, which is management of the produced RAW, is continuously taking place.

In accordance with the objectives of Stages III and IV of A1 NPP decommissioning, the following activities were mainly carried out in 2024:

- fragmentation of 35 pieces of casings originating from the long-term storage process of A1 NPP SF, which remained in the Slovak Republic after the A1 NPP SF had been shipped to the RF,
- vitrification of 1.4 m3 of chrompik III medium, used as a coolant in SF casings for long-term storage,
- treatment of 7.79 m3 of sludge phases and drainage water from the MRB on the SUZA line (mobile fixation equipment), with the formation of 124 pcs of 200 l drums of fixed product,
- treatment of 1.22 m^3 of sludge from the tanks of outdoor facilities on the SFP (sludge fixation plant), with the creation of 13 pcs of 200 l drums of fixed product,
- completion of dismantling activities of the primary circuit technological equipment and technological equipment located in the reactor hall, drain header box facilities, technological equipment of the deactivation well valves corridor, technological equipment of container transport, operator's room and rod cutting chamber, storage casings, process duct protection area for residual heat removal of SF, and the "avial" vessel washing and storage area in the reactor hall in the reactor building, deactivation well
- completion of dismantling of the PG3 steam generator, decommissioning of process equipment of piping spaces and box of stand valves and turbochargers in the intermediate machine room,
- decontamination of building surfaces and building structures of the underground part of the liquid RAW storage building, removal of the underground part of the structure, final monitoring of the construction pit after the removal of the structure and backfilling of the excavation pit,
- decontamination of building surfaces and structural parts of the underground shafts of the solid RAW storage facility, final monitoring of the surfaces, backfilling

of the shafts and construction of a reinforced concrete overlay,
- completion of the construction of the 4th double-row for the disposal of low-level waste from A1 NPP decommissioning,
- relocation of the roofing hall from the third to the fourth lane of the very low-level waste repository at the NRWR Mochovce,
- remediation, monitoring and sorting of contaminated soils and concrete, monitoring and remediation of groundwater and ground water seepage.

At the same time, in 2024, the licensing process for Stage V of A1 NPP decommissioning was being carried out, including the incorporation of comments of supervisory authorities and central government bodies on the documentation necessary for the issuance of the necessary opinions, decisions and permits for the implementation of Stage V of decommissioning. By continuously reducing the inventory of radioactivity through decontamination and dismantling of technological equipment, systems and building structures of the decommissioned A1 NPP structures and by continuing the processing of decommissioning RAW and historical operational RAW, JAVYS, a. s., in 2024 implemented all planned activities of A1 NPP decommissioning in accordance with the work schedule for 2024.

The set plan of activities for 2024 in the field of A1 NPP decommissioning, including the management of RAW from A1 NPP decommissioning, has been fully implemented, in compliance with the principles of nuclear safety, radiation protection, occupational health and safety, fire protection and environmental protection. In the area of A1 NPP decommissioning, JAVYS, a. s. fulfilled the planned targets for 2024 based on the schedule of activities defined in the document Plan of Stage III and Stage IV of A1 NPP Decommissioning, thus creating optimal conditions for smooth continuation of the continuous decommissioning process of the A1 NPP within Stage V of decommissioning and subsequent release of the site from administrative control.

06

RADIOACTIVE WASTE MANAGEMENT

In 2024, all activities within the radioactive waste (RAW) management processes took place in the following nuclear installations in compliance with the conditions of nuclear safety, radiation protection, occupational health and safety, fire protection and environmental protection:

- RAW TCT - Facility for Treatment and Conditioning of RAW in Jaslovské Bohunice,
- LRW FTF - Liquid RAW Final Treatment Facility in Mochovce,
- NRWR - National RAW Repository in Mochovce,
- IRAWS - Interim Storage of Raw at Bohuice site.

RAW treatment and conditioning

For RAW management, our Company operates the following nuclear installations: RAW Treatment and Conditioning Technology in Jaslovské Bohunice and the Liquid RAW Final Treatment Facility in Mochovce. The RAW TCT nuclear facilities consists of the Bohunice RAW Treatment Centre (BSC), a low-level water treatment plant, radioactive waste sorting workplaces, workplaces for fragmentation and decontamination of metallic radioactive materials, workplaces for the treatment of used air-conditioning filters and electrical cables, and metallic RAW melting facility.
The LRW FTF nuclear installation operates facilities mainly for the treatment of radioactive concentrates and saturated ion exchangers from the EMO 1,2 operation.
The low-level radioactive waste is finally conditioned by cementation in fibre-concrete containers at the RAW TCT and LRW FTF nuclear installations and transported to the National RAW Repository in Mochovce. In 2024, **294** and 102 fibre-concrete containers with low-level RAW were conditioned in this way at the RAW TCT nuclear installation and LRW FTF, respectively.
In addition to the management of RAW from the A1 NPP and V1 NPP process, our Company, as part of its commercial activities, carries out the management of RAW from the operated units of V2 NPP, EMO 1,2 NPP and EMO 3 NPP of Slovenské elektrárne, a. s.

Overview of the amount of treated and conditioned RAW in 2024

Nuclear installation	RAW type (unit)	Quantities treated
RAW TCT	Combustible solid RAW (t)	116,3
	Combustible liquid RAW (m^3)	9,9
	Compactible RAW (t)	579,8
	Metallic RAW (t)	401,2
	Liquid RAW (m^3)	316,6
	Used air-conditioning filters (t)	15,0
LRW FTF	Liquid RAW (m^3)	110,4
	Solid RAW (m^3)	139,2

RAW transportation

During the year 2024, **873** shipments of radioactive material (RM) in certified shipping packages were made: 200 l MEVA drum, 20' ISO container, shipping containers PKIII/drums, PK/SK, PK/SK 2, FCC and PK90.

RAW disposal

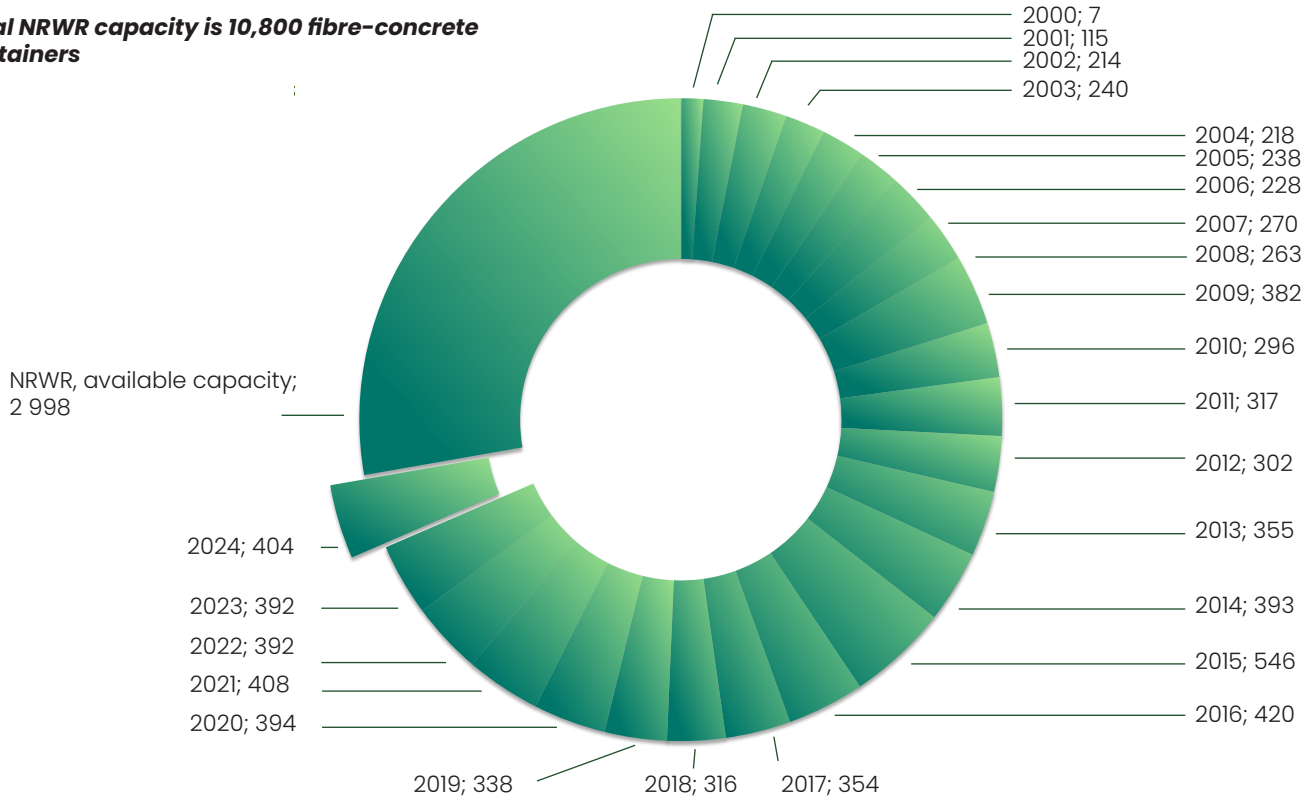
The National RAW Repository in Mochovce is a nuclear installation for the final disposal of conditioned low-level radioactive waste (LLW) and very low-level radioactive waste (VLLW) from the operation and decommissioning of nuclear installations, institutional RAW and RMUO in the territory of the SR.
Fibre-concrete containers (FCCs) filled with conditioned low-activity RAW after curing and subsequent transport from the RAW TCT and LRW FTF nuclear installations are finally placed in the disposal boxes of the operated double-rows of the repository. During 2024, 404 fibre-concrete containers with low-activity RAW were placed in the third double-row of the storage boxes.

Overview of disposal of FCCs with LLW and VLLW in the NRWR in 2024

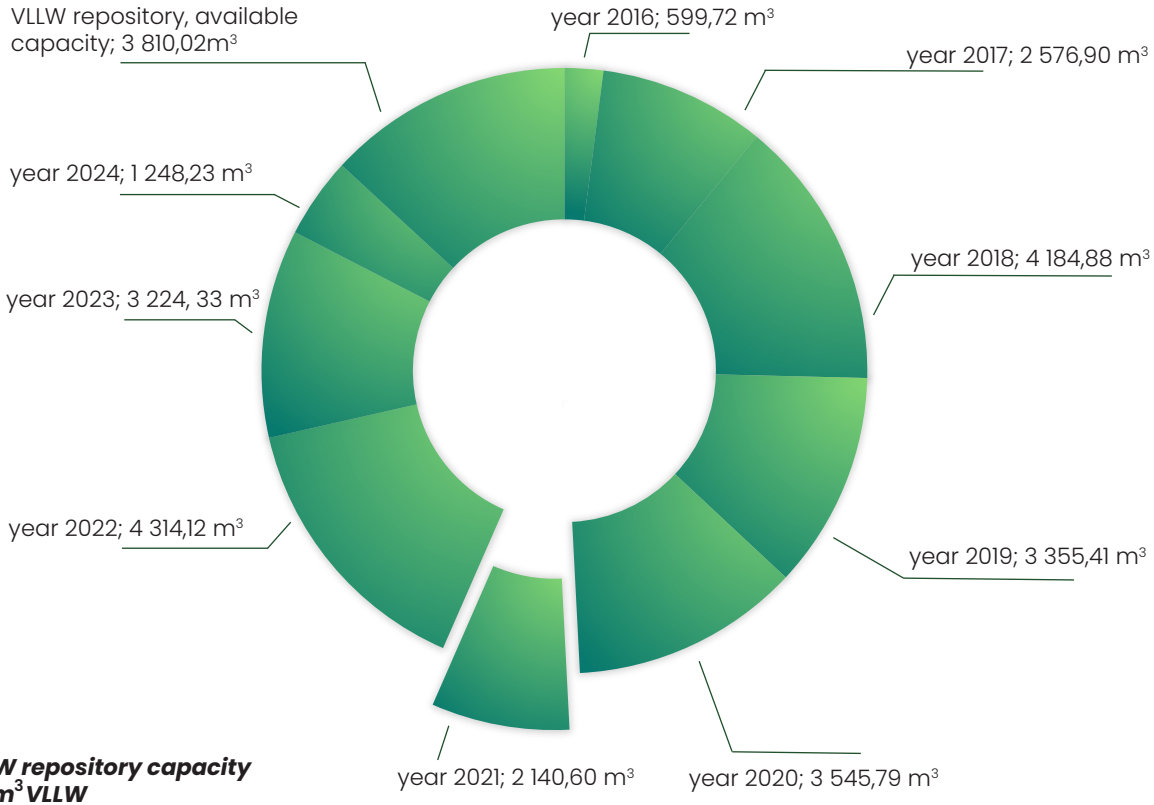
Disposal of FCCs with LLW in the NRWR (pcs)		Total number of disposed of FCCs with LLW in the NRWR (pcs)	Total amount of disposed VLLW in the NRWR (m^3)
TSÚRAO	FS KRAO		
308	96	404	1248.228

Overview of the filling of the storage capacity of the NRWR by disposing FCCs with conditioned LLW as of 31 December 2024

Total NRWR capacity is 10,800 fibre-concrete containers



Overview of the filling of the storage capacity of the NRWR by disposing VLLW as of 31 December 2024



Total VLLW repository capacity is 29 000m³ VLLW

IRAW and RMUO management

JAVYS, a. s. is an authorised organisation for the management of institutional radioactive wastes and radioactive waste of unknown origin, orphan sources and radioactive materials. In 2024, twenty-three collections of sources of ionising radiation of unknown origin were made, representing different forms of ionising radiation sources. In terms of their contamination, in particular the radionuclides ^{60}Co, ^{137}Cs, ^{214}Bi, ^{214}Pb, ^{226}Ra, ^{177}Lu ^{241}Am, ^{238}U-rad were identified, and for nuclear material - ^{232}Th,^{234}U,^{235}U and ^{238}U. After identification, these radioactive materials were transported for further management at the nuclear installations of JAVYS, a. s., or for storage to the Interim Spent Fuel Storage Facility (ISFS) and other radioactive materials to the IRAW and CRM Management Facility at the Mochovce site. Radioactive materials contaminated with ^{177}Lu are released into the environment after several half lives.

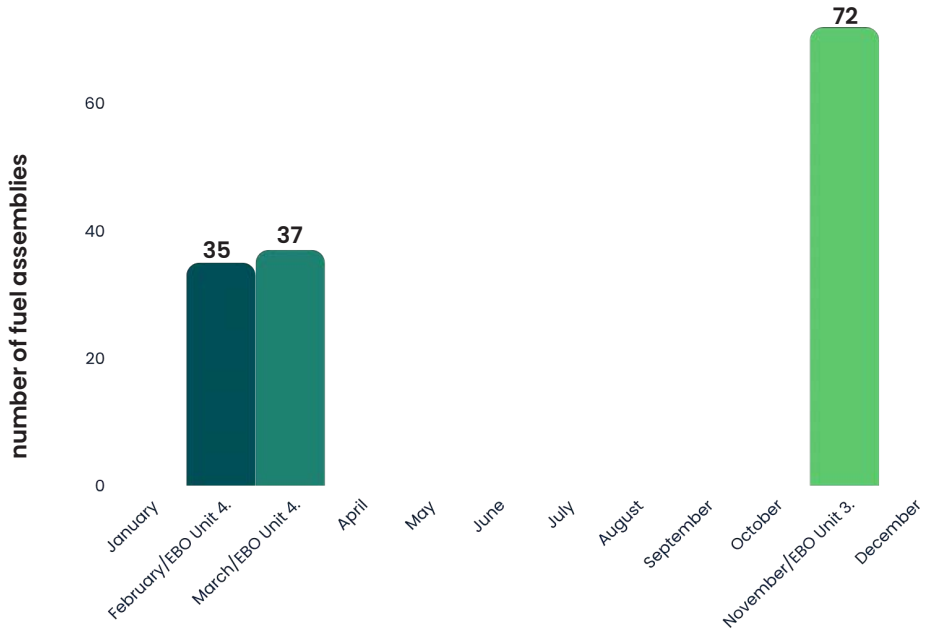
07

SPENT FUEL MANAGEMENT

After reaching the specified parameters, spent fuel (SF) produced in the reactor units of nuclear power plants in the SR is transported and stored for a long period of time in the nuclear installation Interim Spent Fuel Storage Facility in Jaslovské Bohunice.

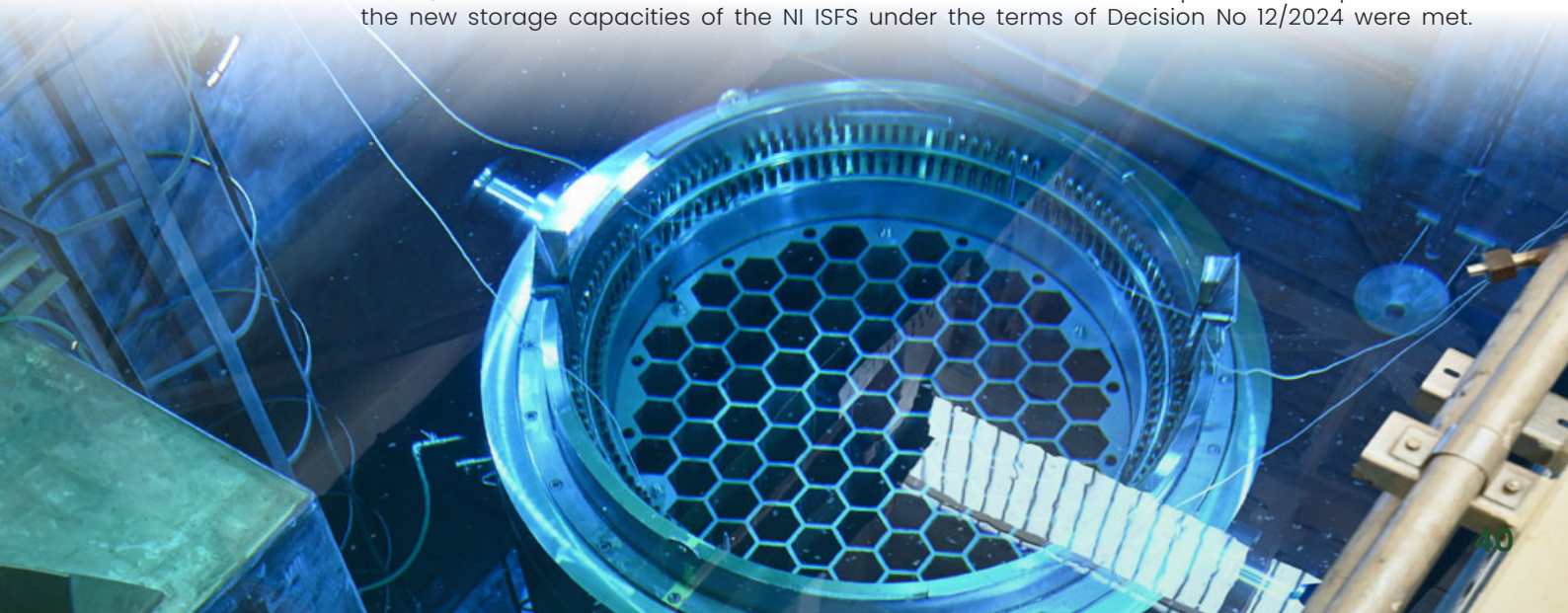
In 2024, a total of 144 spent fuel assemblies were transported from the NI V2 to the Interim Spent Fuel Storage facility. An overview of the number of spent fuel assemblies transported during 2024 is shown in the following chart.

Number of spent fuel assemblies transported in each month of 2024

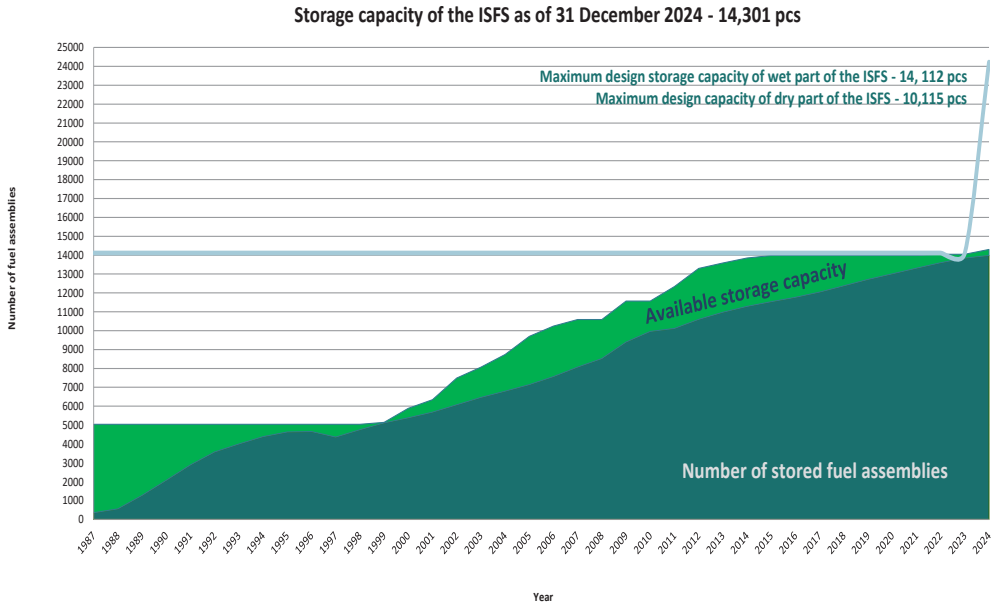


In 2024, spent fuel was stored in the storage pools of the 840M structure, in KZ-48 and T-13 type storage casks and in the storage boxes of the 841M structure in SF PS (SF packaging set). As of 31 December 2024, a total of 13,984 pieces of spent fuel assemblies were stored in the ISFS, of which 5,143 pieces from V1 NPP production, 6,105 pieces from V2 NPP production and 2,736 pieces from EMO 1,2 production. As of 31 December 2024, the 840M structure intended for wet storage of SF contained 13,729 pieces of SF, which represents 97.29 % of its maximum designed storage capacity. As of 31 December 2024, the 841M structure intended for dry storage of SF contained 255 pcs of SF in three SF packaging sets, which had been relocated from the 840M structure within the ACT of the investment project "Completion of SF storage capacity".

In connection with the provision of sufficient storage capacity for SF in the coming period, the investment project "Completion of SF storage capacity" is being implemented at the Jaslovské Bohunice site. In 2024, active tests of the supplied equipment and systems were carried out. From 3 – 9 May 2024, a successful trial run lasting 144 hours took place. On the basis of the evaluation of the trial run, the NRA SR confirmed that the criteria for the transition to permanent operation of the new storage capacities of the NI ISFS under the terms of Decision No 12/2024 were met.



Overview of continuous filling of the NI ISFS with spent fuel as of 31 December 2024 is shown in the following chart.



Overview of continuous filling of the ISFS with spent fuel as of 31 December 2024

During the year, JAVYS, a. s. carried out four transports of spent fuel (SF) from the V2 Nuclear Power Plant in Jaslovské Bohunice to the Interim Spent Fuel Storage Facility in Jaslovské Bohunice. In addition, it provided the activities of the technical and emergency group in the execution of nine transports of fresh nuclear fuel from the producer for the operating units of the nuclear power plants of SE, a. s., one of which was carried out in the form of rail transport and eight in the form of combined air-road transports.

08

SAFETY

Nuclear safety

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

The safety policy of JAVYS, a. s. is linked to the tasks that the Company provides:

- the safe, reliable and efficient operation of nuclear installations,
- the reliable and safe decommissioning of the A1 and V1 NPPs, with a view to releasing the site for industrial use,
- the reliable and safe treatment, conditioning, storage and disposal of radioactive waste from NPPs, including institutional RAW and RMUO,
- the reliable and safe management of spent fuel from nuclear power plants.

The requirements of the legislation of the Slovak Republic and the regulatory authorities for nuclear safety were met for all nuclear installations in operation and under decommissioning at the Jaslovské Bohunice and Mochovce sites. During 2024, nuclear installations were operated in accordance with valid and up-to-date safety documentation approved by the regulatory authorities of the Slovak Republic and without violation of limits and conditions for their safe operation or decommissioning.

At quarterly intervals, safety assessment of the operation of nuclear installations of JAVYS, a. s. was carried out by means of operational safety indicators. The achieved evaluations confirmed the professional work of the staff and the high reliability of the technological equipment.

In order to maintain a high level of safety and reliability of the operation of the NIs at JAVYS, a. s., an action plan of activities, the so-called Safety Culture Action Plan, was set for 2024 as well, which contained twenty tasks. The aim of these tasks was to continuously maintain staff awareness of personal responsibility and motivate them to behave safely. All set tasks were completed within the deadlines specified. Personal involvement of employees in safety issues was promoted during 2024, e.g. by holding a consequence-free incident reporting competition with a financial award for participating employees.

Inspectors of the NRA SR carried out a total of 46 inspections at JAVYS, a. s. during 2024:

- 20 inspections common for JAVYS, a. s.
- 2 inspections at the NI V1 NPP
- 1 inspection at the NI A1 NPP
- 2 inspections at the NI RAW TCT
- 3 inspections at the NI ISFS
- 1 inspection at the NI IRAWS
- 2 inspections at the NI LRW FTF
- 3 inspections at the NI NRWR
- 1 inspection IRAW and RMUO Management Facility
- 11 inspections in cooperation with EURATOM and IAEA inspectors

The inspections were focused on compliance with nuclear safety conditions and supervision requirements during decommissioning of the nuclear power plants A1 and V1 in Jaslovské Bohunice, during import of radioactive waste in the framework of international shipments of RAW for the purpose of its treatment at the NI RAW TCT and during transport of radioactive waste and nuclear materials. The inspectors also examined activities related to radioactive waste management at the RAW TCT, ISFS, IRAWS and LRW FTF nuclear installations. In Mochovce, the inspection focused on the project "Construction of the 4th double-row of low-level radioactive waste repository in the NRWR" took place. The inspections did not reveal any deficiencies in the fulfilment of the requirements resulting from the legal regulations and conditions from the decisions of the NRA SR.

The inspectors of the NRA SR also paid attention to the culture of nuclear physical security and cybersecurity, verified the fulfilment of the requirements of the Atomic Act for on-line transmission of technological, radiological and meteorological data. Emergency preparedness is also checked annually, with a focus on checking the cooperation of the emergency response organisation of JAVYS, a. s., during the all-area emergency exercise, the training system and the course of practising the emergency transport rules during the railway transport of radioactive materials during the FÉNIX 2024 emergency exercise.

IIAEA inspectors, in cooperation with inspectors from EURATOM and the NRA SR, carried out 11 inspections in 2024 to inspect nuclear materials and to check the decommissioning status of the A1 NPP. Most of the inspections were focused on the commissioning of the dry spent fuel storage capacities at the

NI ISFS, with international inspectors checking the proper functioning of the control facilities and the set-up of the spent fuel transport process from the point of view of safeguards for nuclear materials. No deficiencies were found during the inspections.

Following a request by JAVYS, a. s., the status of V1 NPP was changed to "decommissioned" by the European Commission in 2024, thus completing the inspection of this nuclear installation from the point of view of safeguards for nuclear materials by the international supervisory bodies IAEA and EURATOM.

The Nuclear Regulatory Authority of the SR issued a total of 64 decisions for JAVYS, a. s. in 2024:

- 24 decisions common for JAVYS, a. s.
- 6 decisions for the NI V1 NPP
- 6 decisions for the NI A1 NPP
- 9 decisions for the NI RAW TCT
- 6 decisions for the NI ISFS
- 4 decisions for the NI LRW FTF
- 7 decisions for the NI NRWR
- 2 decisions for the NI IRAWS

In 2024, ten operational events were registered at the NIs of JAVYS, a. s. classified as failures, which were subject to reporting to the supervisory authorities in accordance with the Atomic Act. According to the International Nuclear and Radiological Event Scale (INES), all events were classified as events of no safety significance (outside the INES scale). In 2024, eight events without consequences were reported and three events from other nuclear installations were analysed by the nuclear safety committee.

Radiation protection

At JAVYS, a. s., radiation protection is provided by the Radiation Protection Section. The Radiation Protection Section covers radiation protection in the operation of the Bohunice RAW Treatment Centre, the Interim Spent Fuel Storage Facility, the Interim Storage of Radioactive Waste at Bohunice Site, the Liquid RAW Final Treatment Facility, the National RAW Repository in Mochovce, as well as in the decommissioning of the A1 NPP and V1 NPP. Radiation protection is ensured in all activities performed at all nuclear installations of JAVYS, a. s. The legislative framework for ensuring radiation protection is primarily constituted by Act No. 87/2018 Coll. on radiation protection, decrees of the Ministry of Health of the Slovak Republic, decisions of the Public Health Authority of the Slovak Republic (PHA SR), internal regulations of JAVYS, a. s., documents of the International Atomic Energy Agency in Vienna (e.g. GSR Part 3). However, these are only recommendations and are not binding on individual countries.

The main activities of the Radiation Protection Section include systematic monitoring of the radiation characteristics of the working environment, operational and official monitoring of worker doses, checking compliance with radiation protection rules and ensuring optimisation of doses and the ALARA principle. The most important indicator of these outputs is the workers' radiation exposure parameter, the maximum individual effective dose. This represents the value of the whole-body exposure of the worker with the highest radiation exposure in a given year. Act No. 87/2018 Coll. on radiation protection sets the limit for this parameter at 20 mSv/year. However, the maximum internal limit of JAVYS is set at 13 mSv/year. During the year 2024, the mentioned value of 13 mSv/year was not exceeded by any employee of JAVYS, a. s., nor by any employee of contractor organisations.

The following table summarises the maximum effective dose values in the individual controlled areas of JAVYS, a. s.

Maximum individual effective dose E (mSv) in 2024

JAVYS, a. s	CA-A	% of limit	CA-V	% of limit	CA-U	% of limit	CA-R	% of limit
Employees of JAVYS, a. s.	10.951	54.8	0.134	0.7	1.509	7.5	0	0
Suppliers JAVYS, a. s.	11.393	57.0	3.617	18.1	0.177	0	0	0

Explanatory notes:
CA-A Controlled areas in the structures of the A1 NPP under decommissioning, in the structures with technologies for RAW treatment and spent fuel storage Jaslovské Bohunice
CA-V Controlled area of the Jaslovské Bohunice V1 NPP under decommissioning
CA-U Controlled area of the NRWR, LRW FTF and VLLW Mochovce
CA-R Controlled area of IRAW and CRM Mochovce

Other responsibilities of the Radiation Protection Section include the release of material into the environment, calibration and official verification of dosimetry instrumentation, and the measurement and balancing of released RA substances into the air and hydrosphere. A particularly important area is the assessment of the dose load on the population due to the operation of the NIs of JAVYS, a. s.

The dose load on the population living in the vicinity of the NIs of JAVYS, a. s. is so low that it is practically indistinguishable from the natural background radiation. It is determined by a calculation involving the actual RA substances released into the atmosphere and hydrosphere and measured meteorological data during the year. The calculation is carried out by software (ESTE AI), which is approved for this purpose by the PHA SR and updated twice a year with demographic data and the sizes of crop areas and types of crops grown in the area of interest. The results of the calculations are submitted 4 times a year to the PHA SR and presented in quarterly reports, where discharges of radioactive substances from the premises of JAVYS, a. s., Jaslovské Bohunice are analysed.

The values of the maximum individual effective dose for the year 2024 in the inhabited and most exposed area are calculated to be 0.0192 μSv, which is 0.069% of the PHA SR authorised limit of 28 μSv. It can be concluded that the impact of the operation of the JAVYS nuclear installations on the population in 2024 was several times lower than the natural background radiation.

Emergency planning and civil protection

In 2024, all requirements of the Slovak legislation were met in the area of emergency planning and civil protection. JAVYS, a. s. has a functional emergency response organisation in place, capable of dealing with emergencies at nuclear installations and in the transport of radioactive materials (RM). Throughout the year, emergency drills and personnel exercises were carried out regularly at all nuclear installations and during RM transports.

The state of emergency preparedness of JAVYS, a. s. at the Jaslovské Bohunice and Mochovce sites was verified by the all-area emergency exercise, which was aimed at dealing with emergencies at nuclear installations. Within the framework of the all-area emergency exercise, all employees of JAVYS, a. s., as well as all persons present during the exercise on the territory of the Company's nuclear installations in Jaslovské Bohunice and Mochovce, including employees of contractor organisations, were involved in the exercise. The exercise was attended by 644 persons, 358 of whom were employees of JAVYS, a. s. In percentage terms, 81 % of the total number of employees of JAVYS, a. s., with place of work in

Jaslovské Bohunice and Mochovce, took part in the exercise. During emergency exercises and drills of expert groups, the emergency response organisation proved its functionality.

To ensure the area of emergency planning and civil protection, JAVYS, a. s. has prepared the documentation in accordance with legislative requirements.

For the nuclear installations of JAVYS, a. s., the following emergency planning zone sizes are currently approved by the Nuclear Regulatory Authority of the Slovak Republic:

• common emergency planning zone for the NI V1 NPP, A1 NPP, RAW TCT, ISFS and IRAWS at the Jaslovské Bohunice site demarcated by the barrier of the guarded area of nuclear installations of JAVYS, a. s. at the Jaslovské Bohunice site, approved by Decision of the NRA SR No. 187/2024 of 30 April 2024,

• emergency planning zone for the NI NRWR in Mochovce defined as the area demarcated by the boundary of the nuclear installation, which is defined by the barrier of the guarded area, i.e. the fence of the NRWR at the Mochovce site, approved by Decision of the NRA SR No. 159/2024 of 5 April 2024,

• emergency planning zone for the NI LRW FTF at the Mochovce site defined as the area demarcated by the boundary of the premises of nuclear installations of Slovenské elektrárne, a. s., Mochovce NPP, which is defined by the barrier of the guarded area of this nuclear installation, approved by Decision of the NRA SR No. 160/2024 of 5 April 2024.

The analyses, on the basis of which the emergency planning zones were determined, have shown that the operation or decommissioning of the nuclear installations of JAVYS, a. s. at the sites of Jaslovské Bohunice and Mochovce has a negligible impact on the population and the environment in the vicinity of these nuclear installations.

OHS and fire protection

The Company's activities in the field of occupational health and safety are mainly focused on elimination of risks of occupational injuries and monitoring of the working environment at the workplaces of JAVYS, a. s. employees as well as employees of contractor organisations.

JAVYS, a. s. retained the ISO 45001:2018 certification for the occupational health and safety management system in 2024, which confirms that it is a safe organization that emphasizes the quality of its processes, environmental protection, and the safety of its employees as well as the safety of its operating and decommissioned nuclear installations.

In 2024, there were two registered occupational injuries and three recorded occupational injuries at JAVYS, a. s.

There were no occupational diseases and no fires recorded during 2024. Seven injuries to contractor employees were recorded in the 2024 evaluation period, which are subject to investigation, recording or registration of occupational injuries by the responsible contractor organisation.

In the monitored period, KR HaZZ Trnava carried out a thematic fire inspection in the audited entity PFB EBO. The objective of the thematic fire inspection was to check the overall state of organisational and technical provision of fire protection in the following areas:

- management, organisation and ensuring the fire brigade's operability,
- organisation, condition and material provision of professional services,
- training of the staff of the PFB,
- tactical exercises, screening exercises,
- equipment of the fire brigade.

Prevention of injuries and occupational diseases in hazardous workplaces was ensured by control activities and the allocation of appropriate personal protective equipment in accordance with the established operating rules and risk assessments.

Indicators in the field of OHS and fire protection are monitored daily and evaluated in reports, which are submitted at semi-annual intervals to the senior management meetings of JAVYS, a. s., where measures for the next periods are approved based on the results and development trends.

09

ENVIRONMENTAL PROTECTION

In JAVYS, a. s., environmental protection is included among the supporting processes within the integrated management system in the "Safety" process. In the implementation of activities, emphasis is placed on respecting the principle of prevention and minimisation of environmental impacts that may arise during the work carried out by the Company's own employees and contractors. A responsible approach to the environment is also ensured in the form of continuous monitoring of all legal requirements in individual areas of environmental protection (water, air, waste, nature and landscape protection and others) and their implementation in the Company's internal documentation. JAVYS, a. s. has fulfilled or is continuously fulfilling the conditions of the decisions issued by the central government authorities in individual areas of environmental protection.

The activities of contractors implementing investment and decommissioning projects at the nuclear power plants A1 and V1 are governed by contractual relationships that include strict environmental protection requirements specified in the Safety and Technical Conditions of JAVYS, a. s. Significant environmental aspects are determined and managed for identified environmental impacts. The commitment of JAVYS, a. s. to comply with and apply the requirements of the ISO 14001:2015 standard "Environmental Management Systems" within the integrated management system is verified by the auditing company DNV. In 2024, a recertification audit was carried out, which resulted in a certificate confirming the functionality and effectiveness of the system and also the demonstration of appropriate environmental behaviour of JAVYS, a. s. in the performance of its activities and services in accordance with the environmental policy and objectives. The audits and inspections carried out by the supervisory authorities did not reveal any non-compliance in any of the areas of environmental protection. Observations and opportunities for improvement in certain areas identified by internal audits provide the impetus for continuous improvement and assurance of IMS processes.

Water management

Drinking water consumption in 2024 was higher by 4,472 m^3 (7.3%) compared to the previous year, total consumption (Jaslovské Bohunice, Mochovce and Bratislava sites) was 65,987 m^3. The year-on-year increase in drinking water consumption was due to a higher number of employees of contractor organisations working on individual projects related to the execution of A1 NPP and V1 NPP decommissioning and investment projects. Surface water consumption in 2024 was 164,944 m^3, which means a decrease of 6.33 % compared to 2023. Total costs of water management in 2024 were by EUR 21,812.03 higher (an increase by 16.78%).

In 2024, 451,387 m^3 of wastewater was discharged into the Váh water body, which is an increase of 2.5 % compared to the previous year. The quality indicators of the discharged wastewater into the Váh water body verified by analyses in an accredited laboratory were below the limit values set in the permit, with the exception of one sample in the month of October in the indicators "biological oxygen demand (BOD5)" and "chemical oxygen demand by chromate (CODCr)". Taking into account the nature of the indicators, the measured concentrations and the flow in the Váh water body, the discharge of wastewater with higher concentrations of the above-mentioned indicators into the Váh water body was assessed as an event which did not constitute a threat to aquatic ecosystems and was neither an exceptional deterioration or threat to water quality. According to the actually discharged quantity of water and monitored pollution, JAVYS, a. s. did not incur any obligation to pay wastewater discharge charges in 2024.

No wastewater was discharged into the Dudváh water body, only water from surface runoff. Only water from precipitation accumulated in the retention reservoir is discharged from the NI NRWR in Mochovce into the surface waters - Telinský potok (Telinský brook).

Air protection

JAVYS, a. s., operated air pollution sources in 2024 in two categories - five medium sources (reserve boiler room, diesel generators) and two small sources (production of fibre-concrete mixture and VOLVO mobile crushing equipment). Due to the nature of the operation of the sources in emergency mode (except for the small sources), the total emissions emitted from all medium sources are very low, therefore, there is no obligation for the operator to pay air pollution charges. Under the new Air Pollution Charges Act, no charge is payable for the operation of small sources of air pollution. In 2024, three notifications were sent to the relevant municipal authorities under the new Air Protection Act for selected specific activities (concrete crushing, construction and renovation work and wood and biomass chipping).

In 2024, a comparable amount of pollutants was emitted into the air as in 2023: particulate matter - 42.408 kg, SO_2 - 0.123 kg, NO_x - 27.972 kg, CO - 5.864 kg, TOC - 0.788 kg, CO_2 - 22 t. The pollutants emitted from the RAW incineration plants are measured by an automated monitoring system (AMS), the RAW incineration plants are not categorised as air pollution sources. During the operation of the RAW incineration plant PS06, the average daily concentration values of the individual pollutants were observed. During the operation of PS45 incineration plant, the average daily concentration value for one pollutant "TOC" in the flue gas was exceeded in March 2024. The exceedance was discussed by the nuclear safety committee, which took corrective measures. The event did not affect nuclear safety.

Waste management

The amount of waste produced from the operation of nuclear installations and the decommissioning of the A1 NPP and V1 NPP depends on the scope of activities carried out and on the implementation of investment projects, service and maintenance work. The disposal and recycling of waste arising from the operation of nuclear installations, maintenance and support activities is the responsibility of JAVYS, a. s. In the case of contractor activities, including the implementation of BIDSF projects, the disposal and recycling of such waste is arranged by contract with the relevant contractor.

The total amount of non-active waste generated in 2024 within both BIDSF and non-BIDSF projects was 1,955,509 t, which represented a reduction of 53.8 t compared to 2023 (2.68%).

The volumes of waste produced were in the following categories:

- other waste in the amount of 705,629 t,
- hazardous waste in the amount of 5.84 t,
- mixed municipal waste in the amount of 35.40 t,
- recyclable metallic waste in the amount of 1,208.64 t.

The costs incurred for waste disposal and recovery outside BIDSF projects amounted to **EUR 65,426.69** in 2024. Compared to 2023, they increased by EUR 11,528.16 (21.39%).

Recyclable metallic materials were produced, handed over for material recycling (sales of EUR 988,763.80) and classified as waste in the following categorisation:

Recoverable waste	Weight (t)
Aluminium	8.34
Mixed metals	1,160.80
Copper	39.50
Total weight	**1,208.64**

Waste management took place in 2024 in accordance with the legal requirements of the Slovak Republic and the Company's internal regulations.

Environmental impact assessment

The requirements of Act of the National Council of the Slovak Republic No. 24/2006 Coll. on environmental impact assessment and on the amendment to certain acts as amended, implemented into Directive BZ/OŽ/SM-04 *"Environmental impact assessment (EIA)*", are applied in the area of environmental impact assessment.

In 2024, the mandatory impact assessment process continued for the proposed activity ***"Stage V of A1 NPP decommissioning and subsequent release of the A1 NPP site from administrative control".*** On 2 April 2024, the report on the environmental impact assessment was submitted to the Ministry of Environment of the Slovak Republic, which, on 22 May 2024, was discussed at a public hearing together with the concerned authorities and the public in the Žlkovce municipality. The Ministry of Environment of the Slovak Republic appointed a professionally competent person to draw up an expert opinion on the assessment report. The prepared expert opinion was sent to the Ministry of Environment of the Slovak Republic on 21 November 2024, the Ministry of Environment of the Slovak Republic subsequently discontinued the procedure for the assessment of the proposed activity by Decision No. 3310/2024-11.1 dated 19 December 2024 due to the return of the expert opinion for completion. The process of assessment of the proposed activity was not completed in 2024.

JAVYS, a. s. is also monitoring activities planned to be carried out by other proponents in the affected area and is a party to other activities assessed under Act No. 24/2006 Coll.

The implementation and operation of activities that have been assessed according to the Environmental Impact Assessment Act is possible only on the condition of demonstrating compliance of the implementation of the activity with the final opinion from the assessment process or with the decision issued in the screening procedure. Compliance is demonstrated by preparing a written evaluation of the conditions of the final opinion of the MEnv SR or the conditions of the decision issued in the screening procedure and attaching it to the application for a licence for the activity.

During 2024, a written evaluation of compliance with the conditions of the final opinions on the licensing procedures was prepared:

1. **Issuance of final permits for activities:**

   - ***"Expansion of the National Radioactive Waste Repository in Mochovce for low-level waste disposal and the construction of a very low-level waste repository" – 4th double-row for low-level waste***
   - ***Completion of spent fuel storage capacity at the Jaslovské Bohunice site - early use of construction***

2. **Issuance of a permit for the change of demolition permit:**
   - ***BIDSF D4.2 "Dismantling of the contaminated part of concrete from the rooms R003/1,2 A R048/1,2"***

3. **Approval of the operating regulation:**
   - ***PP 12-PLN-001, Edition No. 4 "On-site emergency plan of the NI NRWR"***

4. **Approval of a change of NI within the scope of DCM:**
   - ***Reconstruction of technological equipment of the WWCS in SO 41***

In all binding opinions of the MEnv SR issued for individual proceedings, compliance of the licensing procedures with Act No. 24/2006 Coll. and the decisions issued pursuant to this Act was confirmed. For all assessed activities, a comprehensive post-project analysis for the years 2019 - 2023 was prepared and submitted to the NRA SR in June 2024 in accordance with the Directive. The results of the post-project analysis demonstrate their implementation in accordance with the Environmental Impact Assessment Act and the decisions issued under this Act.

10

INTERNATIONAL ACTIVITIES

With the adoption of Act No. 388/2021 Coll. in 2021, the import of radioactive waste for the purpose of incineration was banned, which significantly narrowed the scope for JAVYS, a. s. to implement projects in the field of foreign RAW management on treatment technologies. As a result, increased activity was undertaken to identify suitable commercial opportunities in the form of projects involving consultancy activities in which the Company's long-standing experience can be utilised. In 2024, however, Act No. 367/2024 Coll. was adopted, which from 1 January 2025 abolished the above-mentioned prohibition. For this reason, JAVYS, a. s., at the end of 2024 re-initiated several negotiations with partners in order to renew cooperation and identify potential opportunities in this area.

In 2024, activities were carried out under six signed contracts. JAVYS, a. s., for ČEZ, a. s., continued to treat RAW from the Dukovany NPP and Temelín NPP by high-pressure compaction. Negotiations were carried out during 2024 for the purpose of the final settlement in the project for the treatment of saturated sorbents and sludge from the Italian Caorso NPP, which we are implementing in consortium with the Italian company ANSALDO NUCLEARE. For DMS, spol. s r.o., JAVYS, a. s. continued to provide support by the technical and emergency group in the import of fresh nuclear fuel to the Slovak Republic for the nuclear power plants in operation.

Within consulting activities in 2024, work continued on the documentation for obtaining a licence for the construction of a RAW storage facility in Cerkezovac, Croatia; the focus of the work has shifted to safety assessment and the development of relevant safety analyses. JAVYS, a. s. is involved in the implementation of this project for the Croatian Nuclear Fund together with two partners from Croatia (Ekonerg and Enconet).

JAVYS successfully participated in two tenders for consulting activities in the field of RAW storage. The main topic of the project for the Polish state organisation ZUOP was the update of the conceptual documentation for a new RAW surface repository. The project was successfully implemented in 2024 in cooperation with VUJE, a. s.
In 2024, a framework agreement was also concluded with ČEZ, a. s. for the provision of consulting services in the field of operation termination, decommissioning of nuclear power plants and radioactive waste management.

As part of the search for new opportunities to apply the acquired experience, JAVYS, a. s., participated as a partner in the implementation of the HARPERS research project funded by the EC through the Euratom programme. The objective of the HARPERS project is to map the added value from a higher

degree of harmonisation of legislation in the field of RAW management, to identify barriers and challenges to the implementation of a common regulatory framework in the EU and to provide solutions to overcome these barriers. To this end, key themes identified in previous phases of the project were addressed in 2024 based on feedback received from stakeholders.

Cumulative financial volume for contracted services of JAVYS, a. s., as at 31 December 2024, in implemented projects amounts to **EUR 41.5 million**, with the total value of projects at the level of **EUR 59,9 mil.**

In addition to the benefit in the form of revenues, the implemented projects also bring references for the future and opportunities for the use of the acquired experience and further professional growth of JAVYS, a. s. experts participating in the preparation and implementation of international projects. Last but not least, they also provide an opportunity for the Company to develop and establish itself on the market in an important segment of the nuclear industry. To this end, a change in the organisational structure was prepared in 2024, based on which on 1 January 2025, the Development Projects Unit came into existence.

11

OTHER SIGNIFICANT ACTIVITIES

1 February
Representatives of the IAEA/KINGS Collaborating Centre (KEPCO International Nuclear Graduate School) from South Korea visited JAVYS, a. s. to jointly discuss the topics of possible mutual cooperation for the next years of the existence of both Collaborating Centres with the IAEA. The experts from Korea visited the Information Centre, the reactor hall of the V1 nuclear power plant and the technology of decontamination of contaminated metallic materials in Jaslovské Bohunice.

12 – 14 March
As part of the monitoring mission, representatives of the European Commission (EC), representatives of the Ministry of Economy of the Slovak Republic, the European Bank for Reconstruction and Development (EBRD) and the Slovak Innovation and Energy Agency (SIEA) visited the controlled area of the V1 NPP in Jaslovské Bohunice and the National Radioactive Waste Repository (NRWR) in Mochovce.

8 April
Representatives of the Bohunice Programme institutions met in Slovakia as part of the regular meeting of the Monitoring Committee. JAVYS welcomed them in Jaslovské Bohunice on 8 April 2024. The delegation consisted of Kamil Šaško, State Secretary of the Ministry of Economy of the Slovak Republic, representatives of the European Commission, including Massimo Garribba, Deputy Director-General of DG ENER, and representatives of the Slovak Innovation and Energy Agency and the European Bank for Reconstruction and Development. The visit included a tour of the site of the V1 NPP under decommissioning.

30 April
JAVYS, a. s., became a member of the European Industrial Alliance on Small Modular Reactors (SMR) and participated as a full member in the first General Assembly of the Alliance in Brussels. The aim of the Alliance is to facilitate and accelerate the research, development and deployment of small modular reactors in Europe beyond 2030.

19 June
Lydia Evrard, Deputy Director General of the International Atomic Energy Agency (IAEA) and Head of the Department of Nuclear Safety and Security at the IAEA, accompanied by Juraj Rovný of the IAEA, Marta Žiaková, Chairperson of the Nuclear Regulatory Authority of the Slovak Republic, and inspectors from the NRA SR, visited JAVYS, a. s. After an introductory presentation and familiarisation with the mission and activities of the company and the decommissioning projects of V1 NPP, they visited the premises of the turbine hall and the main re-

actor building of the power plant under decommissioning.

25 - 26 August
As part of an international working meeting with strategic partners, representatives of the Korean companies Hydro & Nuclear Power, Doosan Group, Sangjie Commercial and representatives of Nukem Technologies Engineering Services (based in the Federal Republic of Germany) visited the A1 NPP Information Centre and nuclear installations of JAVYS, a. s.

10 September
Twenty-four academic and scientific representatives from Poland came to Slovakia as part of a study mission focused on nuclear energy. Their trip included a visit to the V1 NPP Information Centre.

16 - 17 September
Máté Kukovecz, Michel Sonck and Romina Quintiliani took part in another European Commission monitoring mission. This time, in addition to familiarising themselves with the current status of decommissioning, together with a site visit, they also came to introduce their external consultants who will be intensively evaluating specific aspects of the Bohunice Programme.

28 November
State Secretary of the Ministry of Economy JUDr. Szabolcs Hodosy together with Ing. Alena Žáková and JUDr. Martin Urminský from the Department of International Relations in the Energy Sector, visited the turbine hall, the unit control room, the reactor hall and the safety injection pumps room (boron node) of Unit 2 of the V1 Nuclear Power Plant in Jaslovské Bohunice as part of their working visit to Jadrová a vyraďovacia spoločnosť, a. s.

10 - 13 December
With the participation of representatives of supervisory authorities, experts of JAVYS, a. s., and representatives of VUJE, a. s., an Expert Mission was held in the Information Centre in Jaslovské Bohunice. The aim of the mission, which was attended by more than twenty representatives from Slovakia, a representative of the IAEA, international experts from Great Britain, Lithuania, and the Czech Republic, was to stimulate discussion among the key players in the field of radioactive waste (RAW) disposal in Slovakia. During the mission, a visit to the National Radioactive Waste Repository in Mochovce was carried out.

12

ECONOMIC OUTTURN

Report on business activities and assets

Jadrová a vyraďovacia spoločnosť, a. s. is a joint-stock company wholly owned by the state, which exercises the rights of a shareholder through the Ministry of Economy of the SR. The mission of JAVYS, a. s. is to carry out activities in accordance with the approved National Policy and National Programme for the Management of SF and RAW, namely to safely, reliably and economically efficiently decommission the nuclear power plants A1 and V1, to provide nuclear services in the areas of spent fuel and radioactive waste management by optimally utilising the existing treatment capacities of the RAW TCT, and to provide related services. JAVYS, a. s. provides additional services to third parties resulting from concluded service and lease agreements.

JAVYS, a. s. has been classified in the general government sector since July 2016 and its business activities are also affected by the relevant legislation in force in this area.

As of 31 December 2024, JAVYS, a. s. achieved a pre-tax profit of EUR 14,380,059 and an after-tax profit of EUR 12,362,004. The profit from economic activities amounted to EUR 10,732,380.

The main activities of JAVYS, a. s. in 2024 were covered by the funds provided by the NNF, BIDSF, SIEA and by revenues and income obtained from commercial activities.

Under the contract with the NNF, the maximum and limit amount of funding for individual applications for 2024 was set at EUR 108,536,444. A total of EUR 97,572,463 was spent on individual applications from the 2024 budget.

The disbursement of NNF non-investment funds for 2024 was in the amount of EUR 86,029,197 (from the budget for 2024 funds amounting to EUR 83,980,745 were disbursed and from the budget for 2025 in the amount of EUR 2,048,452). At the same time, funds from the NNF's budget for 2024 of EUR 1,579,621 were used in 2024 to settle 2023 performance spent within the framework of the applications for funding for 2023.

The drawdown of investment funds under the 2024 contract with the NNF was EUR 11,918,239.

As part of the drawdown of funds from the BIDSF and SIEA for projects related to V1 NPP decommissioning, the Company received funds in the total amount of EUR 18,200,583 in 2024, of which EUR 18,200,583

for the operational part and EUR 0 for the investment part and the funds amounting to EUR 3,850,003 were received for the implementation of the decommissioning programme using human resources available in the V1 NPP of the BIDSF D0 project "Implementation of the decommissioning programme using the human resources available at the V1 NPP", of which EUR 3,756,145 for the operational part and EUR 93,858 for the investment part.

The Company's revenues and income from commercial activities represent revenues and income from the commercial management of RAW and SF, revenues from concluded service and lease contracts and revenues from the sale of recoverable unusable assets from A1 NPP and V1 NPP decommissioning. For the year 2024, the Company reported total revenues and income from own performance in the amount of EUR 28,451,605, of which direct revenues for transportation, storage and treatment of RAW and for SF management in the SR for the V1 NPP, V2 NPP and EMO 1,2 NPP and the treatment of RAW from RAW storage called "Mogilnik" amounted to EUR 20,933,474. Revenues for maintenance services provided to SE amounted to EUR 354,870, income in the amount of EUR 3,406,529 was recognised from the activation of materials, DHM and the activation of services, revenues from the sale of DHM amounted to EUR 53,204 and revenues arising from lease and other contracts and other performances of JAVYS, a. s. were recognised in the amount of EUR 3,480,059. As of the second half of the financial year 2024, we record revenues for goods in the amount of EUR 207,108 and revenues for work in progress in the amount of EUR 16,363.

The Company's cost of production consumption in 2024 was recognised in the amount of EUR 66,943,726. Actual personnel costs were reported at EUR 39,773,400, accounting depreciation of fixed assets and adjustments for fixed assets amounted to EUR 17,219,047 (total depreciation of DNM and DHM amounted to EUR 18,994,133 and adjustments for fixed assets amounted to EUR - 1,775,086).

As of 31 December 2024, the Company recorded total assets of EUR 2,062,030,800. Of this, intangible fixed assets amounted to EUR 1,872,371 and tangible fixed assets of the Company amounted to EUR 186,448,162. Fixed financial assets were recognised in the amount of EUR 100,642,266. These assets are related to the contribution to JESS, which was established in 2009 as a joint venture between JAVYS and ČEZ Bohunice. The value of the financial assets was revalued as of 31 December 2024 on the basis of a reduction of the equity of JESS by EUR 1,746,745.

The largest item of the Company's liabilities as of 31 December 2024 were provisions for the decommissioning and disposal of the nuclear power plants A1 and V1, provisions for the decommissioning

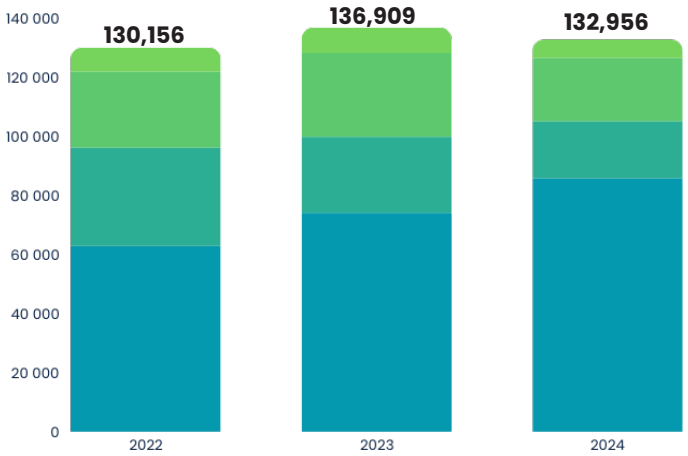
and disposal of non-energy facilities and provisions for future employee benefits (retirement benefits and severance pay under the Collective Bargaining Agreement). As of 31 December 2024, provisions totalling EUR 1,682,442,469 were recognised. Part of the provisions are the provisions for the decommissioning and disposal of the nuclear power plants A1 and V1 in the amount of EUR 1,286,483,169. This part of the provisions is covered by receivables from the NNF, BIDSF and SIEA. The remaining part of the provisions amounting to EUR 390,049,796 is made up of provisions for decommissioning of non-reactor facilities, provisions for storage of SF, provision for environmental burden, provisions for future employee benefits as well as provisions for uninvoiced deliveries and unused annual leave.

The value of the Company's equity as of 31 December 2024 amounted to EUR 221,313,972, which represents 10.73 % of the Company's total assets.

The achieved profit or loss is presented in the financial statements, which have been audited by an independent auditor and are unqualified.

Structure of operating revenues and income* by sources of financial coverage thous. €

	2022	2023	2024
NNF funds	62,924	74,161	85,904
BIDSF and SIEA funds	33,355	25,775	19,315
Commercial and nuclear services	25,729	28,322	21,453
Other revenues and income	8,147	8,651	6,284
Total:	**130,156**	**136,909**	**132,956**

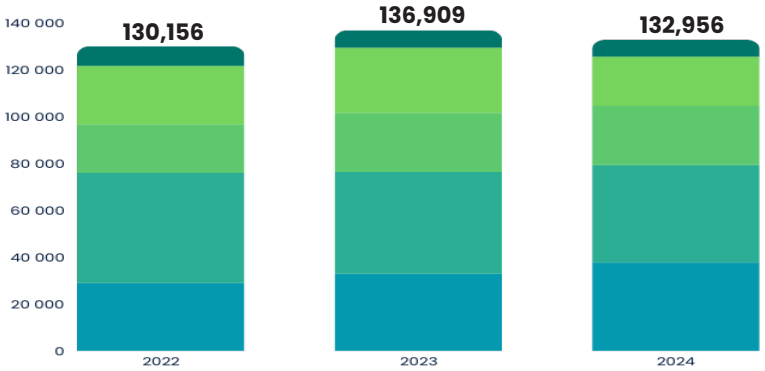


Structure of operating revenue and income* by activity

The NNF funds also include funds provided for the reimbursement of costs for the management of RAW from A1 NPP and V1 NPP decommissioning and the costs for the storage of SF from the V1 NPP.

thous €

	2022	2023	2024
Funds for A1 NPP decommissioning (without RAW management)	29,062	33,024	37,699
Funds for V1 NPP decommissioning (without RAW and SF management)	46,997	43,433	41,728
Management of RAW and SF from V1 NPP and A1 NPP decommissioning (covered by the NNF and BIDSF)	20,684	25,167	25,294
RAW and SF management on a commercial basis	24,998	27,879	20,991
Other activities	8,414	7,406	7,245
Total:	**130,156**	**136,909**	**132,956**

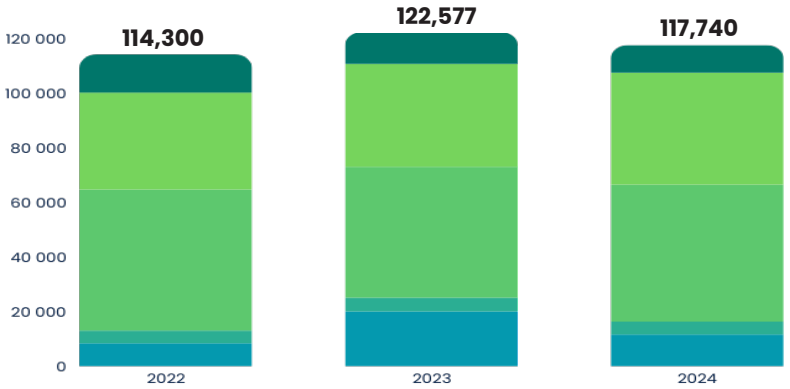


** Operating revenues and income do not include inome from the allocation of NNF and BIDSF grants to fixed assets*

Structure of operating costs**

thous. €

	2022	2023	2024
Material and energies	8,427	20,129	11,656
Repairs and maintenance	4,610	4,956	4,670
Services (including BIDSF, SIEA)	51,818	48,050	50,278
Personnel costs	35,474	37,739	40,996
Other operating costs	13,971	11,703	10,140
Total:	**114,300**	**122,577**	**117,740**

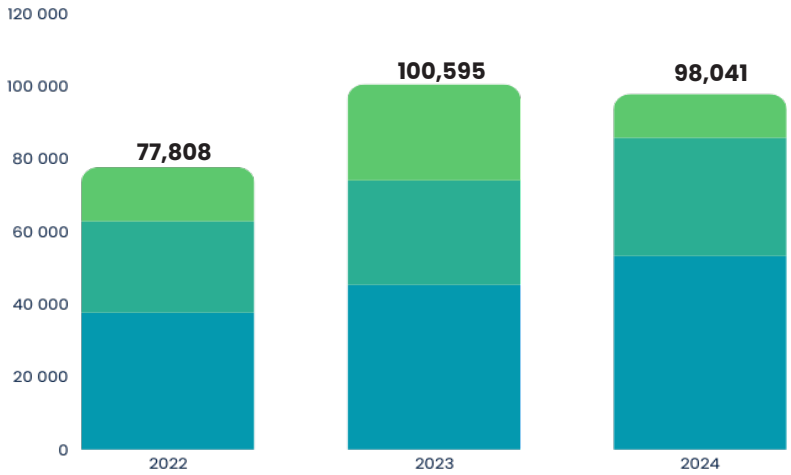


*** Operating costs do not include depreciation of fixed assets and change in adjustments and provisions*

Drawdown of funds from the NNF

thous. €

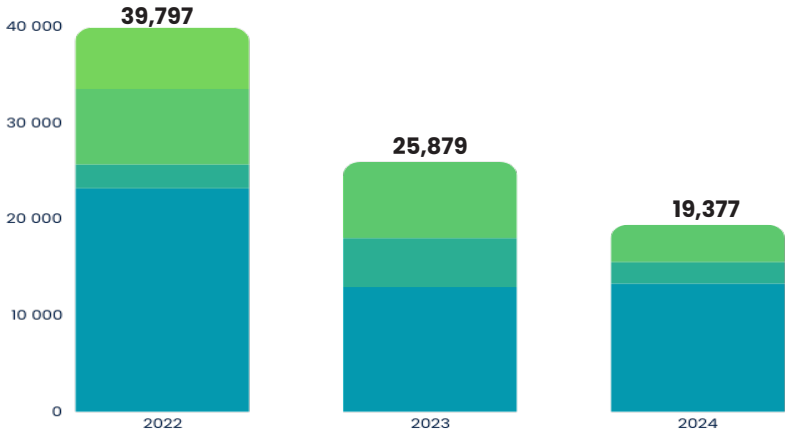
	2022	2023	2024
Own operating funds of the NNF	37,681	45,399	53,487
External operating funds of the NNF	25,244	28,762	32,542
Investment funds of the NNF	14,884	26,434	12,012
Total:	**77,808**	**100,595**	**98,041**



Drawdown of funds from the BIDSF and SIEA

thous. €

	2022	2023	2024
Operating part from the BIDSF	23,163	12,909	13,275
Operating part from the SIEA	2,457	5,077	2,252
Project D0 fin. from the BIDSF	7,827	7,893	3,850
Investment part from the BIDSF	6,350	0	0
Total:	**39,797**	**25,879**	**19,377**



Procurement

The annual public procurement plan for 2024, which summarised the requirements of the professional departments of JAVYS, a. s. for the provision of procurement of goods, services and work, contained 142 items with a total estimated value of **EUR 23.1 mil.** exclusive of VAT.

In 2024, 246 contracts were concluded as a result of contract awarding procedures pursuant to Act No. 343/2015 Coll. on public procurement and on the amendments and supplements to certain Acts, as amended or procedures pursuant to the internal directive of JAVYS, a. s. The total value of concluded contracts amounted to **EUR 170.1 mil.** exclusive of VAT where almost 80% of the above value was accounted for by the contract for the implementation of the subproject D4.7.01 "Decontamination and Demolition of V1 NPP Buildings and Site Restoration".

In terms of commodity (except for subproject D4.7.01), the largest number of contracts were for the supply of goods (57.5%), followed by service contracts (40%) and construction work execution contracts (2.5%), and in terms of total value (contract price), goods contracts also dominated with a share of almost 42%.

By type of cost, the contracts concluded in 2024 were clearly dominated by operating cost contracts (93%), with the remainder being contracts for investment projects and the supply of fixed assets not included in investment projects (IMNIPs).

Trade and services

The active business activities of JAVYS, a. s. in 2024 were carried out in accordance with the objects of its business and focused primarily on the following areas:

- **Nuclear services**
  The provision of nuclear services covers management of radioactive waste and spent fuel from the nuclear power industry, as well as the transport of radioactive waste and spent fuel using its own technological and personnel capacities. The main business partner in 2024 was Slovenské elektrárne, a. s.

- **Leases of residential and non-residential premises and provision of related services**
  JAVYS, a. s. provides its suppliers of work and services, as well as other entities, with the lease of real estate and non-residential premises on a commercial basis. The real estate or premises are used most often as administrative premises (offices), assembly halls, warehouses, cloakrooms, premises for the sale of food or the provision of catering services. The leased land and areas are primarily used for vehicle parking or as handling areas.

- **Sale of recyclable material and unnecessary end-of-use assets and inventories.**
  The sale of recyclable material, primarily from the decommissioning of the V1 NPP, was carried out continuously throughout 2024 and reached the revenues amounting to EUR 988,763.80. A total of 1,208,640 kg of material was dispatched. The aim of the sale is its economic recovery and the possibility of further use in industry. The sale of unnecessary decommissioned assets and inventories is carried out on the basis of a decision of the decommissioning and disposal committee through public tenders. The purpose of the sale of decommissioned assets is to place them on the market with a view to their further use and thus avoid their disposal. In 2024, unnecessary end-of-use assets in the amount of EUR 53,203.50 were sold.

Other business activities

As part of its business activities JAVYS, a. s. provides a wide range of other services and carries out activities that are collectively referred to as "other business activities". This group includes, for example, management of institutional radioactive waste (IRAW), i.e. its collection, treatment, conditioning and storage, organisation of training and provision of consulting services, supply of utilities (drinking water, heat, electricity), rental or co-use of equipment, sale of demineralised water, dosimetry services, provision of PPE, etc.

The total revenues from the implementation of the above business activities of JAVYS, a. s. in 2024 amounted to a total of **EUR 24,422,035**. The provision of nuclear services accounts for the largest share of revenues from business activities.

Logistics

In the area of supply and storage, 5,111 items were delivered in 2024 out of a total of 5,124 material items ordered.
For the year 2024, the value of goods received was EUR 3,636,712 and the value of goods issued for consumption totalled EUR 3,535,356.

Transport

Road and rail transport services were provided to the required extent and within the set deadlines.

In 2024, road freight services were provided for RM transports:

- FCCs with conditioned RAW from the BRWTC to the NRWR Mochovce 155 turns and from the LRW FTF to the NRWR Mochovce 48 turns,
- SRAW in 200 l MEVA drums, in ISO containers on the premises of JAVYS, a. s. from SE, a. s., V2 NPP and from the LRW FTF or SE-EMO to the BRWTC, in total 448 transports, V1 - LRW FTF 8 transports,
- LRAW within the premises of J. Bohunice 72 transports and from SE, a. s. V2 NPP to the BRWTC 50 transports,

- VLLW in ISO containers from SO 44/10 Jaslovské Bohunice to the NRWR Mocho vce and from SO 364 Jaslovské Bohunice to the NRWR Mochovce 79 transports,
- 113 transports of empty FCCs from the FCC PP to the BRWTC and 57 transports to the LRW FTF,
- Ordinary shipments: 158 transports were made of empty MEVA drums, ISO containers, soil, concrete and waste from the collection yard to designated landfills outside the premises of JAVYS, a. s., and other materials in Jaslovské Bohunice and at the LRW FTF.

JAVYS, a. s. continues the trend of electrification of the passenger car fleet. After the addition of charging possibilities in Bratislava and Mochovce, we are preparing the addition of a fast charging station in front of the premises and basic charging stations in the premises of JAVYS, a. s. For 2025, we are preparing the purchase of 4 pcs of company electric vehicles as part of the gradual renewal of the vehicle fleet.

Also by gradually replacing the company fleet with modern electric vehicles, we can positively influence the overall perception of our company in terms of environmental responsibility by reducing the company's carbon footprint. At the same time, electric vehicles in the conditions of our company guarantee cost savings, reliability and comfortable travel.

The railway siding was used for rail transport:

- regular transports and transport of various materials for own needs - profes sional departments of JAVYS, a. s.,
- transports for the co-users of the siding in accordance with the concluded customer contracts for the carriage of carload shipments,
- extra transport 4 times removal of SF from the V2 NPP, total of 4 wagon-con tainers.

Energy

JAVYS, a. s. purchases the entire consumption of energy and utilities and therefore it is important to purchase energy efficiently, reduce consumption and minimise the associated impact on the environment. This includes electricity, heat, gas, drinking water and raw water. The largest part of the consumption is for A1 NPP and V1 NPP decommissioning activities and commercial activities.

Due to the implementation of austerity measures taken by the operation and management of technological and non-technological facilities in the previous period, there is an overall reduction in the consumption of heat, for heating. At the points of supply, heat consumption has been reduced by 943 MWh in 2024 compared to 2023. Electricity consumption is influenced by several factors (scope of activities carried out in the framework of A1 NPP and V1 NPP decommissioning, scope of commercial activities, weather, etc.).

In 2024, consumption is lower than planned by 2,704 MWh. In addition to the above factors, the reduction in total consumption and costs was also due to the adjustment of more accurate variable supply purchasing to 20% on spot and a reduction of fixed supply to 80%. JAVYS, a. s., contributes substantially to the successful connection of photovoltaic power plants (FVE plants) with a capacity of 2 x 10 MWp in Jaslovské Bohunice to the distribution system. Employees participate in the preparation of FVE plant construction and reconstruction of JAVYS, a. s. facilities for connection to the local distribution system of JAVYS, a. s.

13

INFORMATION

UZPODv14_1

Úč POD

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

FINANCIAL STATEMENTS

of Enterprises in the Double-Entry Bookkeeping System

Prepared as at 31.12.2024

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.

Á Ä B Č D É F G H Í J K L M N O P Q R Š T Ú V X Ý Ž 0 1 2 3 4 5 6 8 9

Tax Registration Number: 2022036599

Identificatio: 35946024

SK NACE: 38.22.0

Financial Statements: [x] Ordinary, [ ] Extraordinary, [ ] Interim

Reporting Entity: [ ] Small, [x] Large (Mark with X)

For the Period: From (Month/Year) 01 2024, To 12 2024

Immediately-Preceding Period: From 01 2023, To 12 2023

Accompanying Parts of Finacial Statements

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

Business Name (Name) of the Reporting Entity

Jadrová a vyraďovacia spoločnosť, a.s.

Seat of the Reporting Entity

Street: Jaslovské Bohunice

Number: 360

Postal Code: 91930

Municipality: Jaslovské Bohunice

Commercial Register and Number of Entry of the Company

Bratislava I, odd. Sa, vl. č.: 4649/B

Phone Number: 033/5313284

Fax Number: 033/5312472

E-mail Address:

Prepared on: 15.03.2025

Approved on: . .2025

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

UZPODV14_2

Balance Sheet Úč POD 1 - 01

DIČ 2022036599

IČO 35946024

Designation a	ASSETS b	Line c	Current Reporting Period 1: Gross - Part 1 / Correction - Part 2	Current Reporting Period: Net 2	Immediately-Preceding Reporting Period: Net 3
	Total assets (l. 02 + l. 33 + l. 74)	01	2478144871	2062030800	
			416114071		2103367380
A.	**Non-current assets (l. 03 + l. 11 + l. 21)**	02	705054582	288962799	
			416091783		288720933
A.I.	**Total non-current intangible assets (l. 04 to l. 10)**	03	18656945	1872371	
			16784574		1608133
A.I.1.	Capitalised development costs (012) - /072, 091A/	04			
2.	Software (013) - /073, 091A/	05	13725348	283888	
			13441460		14440
3.	Valuable rights (014) - /074, 091A/	06	3245065	419492	
			2825573		173820
4.	Goodwill (015) - /075, 091A/	07			
5.	Other non-current intangible assets (019, 01X) - /079, 07X, 091A/	08	578047	60506	
			517541		95081
6.	Non-current intangible assets in acquisition (041) - 093	09	1108485	1108485	
					1324792
7.	Advance payments for non-current intangible assets (051) - /095A/	10			
A.II.	**Total non-current tangible assets (l. 012 to l. 020)**	11	585755371	186448162	
			399307209		184723789
A.II.1.	Land (031) - 092A	12	1876433	1876433	
					1876433
2.	Structures (021) - /081, 092A/	13	216251846	104957944	
			111293902		56888090
3.	Separate movable assets and sets of movables (022) - /082, 092A/	14	347795238	59781931	
			288013307		45121620

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Balance Sheet Úč POD 1 - 01

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Design. plan a	ASSETS b	Line c	Current Reporting Period: Gross - Part 1 / Correction - Part 2	Current Reporting Period: Net 2	Immediately-Preceding Reporting Period: 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	11469	11469	
					11469
7.	Non-current tangible assets in acquisition (042) - 094	18	19820385	19820385	
					8082617
8.	Advance payments for non-current tangible assets (052) - /095A/	19			
9.	Correction item to acquired assets (+/- 097) +/- 098	20			
A.III.	**Total non-current financial assets (l. 22 to l. 32)**	**21**	100642266	100642266	
					102389011
A.III.1.	Shares and ownership interests in group companies (061A, 062A,	22			
2.	Shares and ownership interests with a participating interest except for group companies (062A) - /096A/	23	100642266	100642266	
					102389011
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	26			
6.	Other loans (067A) - /096A/	27			
7.	Debt securities and other non-current financial assets (065A, 069A, 06XA) -	28			

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Balance Sheet Úč POD 1 - 01

DIČ 2022036599 IČO 35946024

Designation a	ASSETS b	c	Current Reporting Period: Gross - Part 1 / Correction - Part 2	Current Reporting Period: Net 2	Immediately-Preceding Reporting Period: Net 3
8.	Loans and other non-current financial assets with remaining maturity of up to one year (066A, 067A, 069A, 06XA) - /096A/	29			
9.	Bank accounts bound for period exceeding one year (22XA)	30			
10.	Non-current financial assets in acquisition (043) - /096A/	31			
11.	Advance payments for non-current financial assets (053) - /095A/	32			
B.	**Current assets (l. 34 + l. 41 + l. 53 + l. 66 + l. 71)**	**33**	1767321449	1767299161	
			22288		1808341921
B.I.	**Total inventory (l. 35 to l. 40)**	**34**	138825	138825	
					1111601
B.I.1.	Raw materials (112, 119, 11X) - /191, 19X/	35	137462	137462	
					1111601
2.	Work-in-progress and semi-finished goods (121, 122, 12X) - /192, 193, 19X/	36	16363	16363	
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 (l. 42 + l. 46 to l. 52)**	**41**	1422697667	1422697667	
					1444388612
B.II.1	**Total trade receivables (l. 43 to l. 45)**	**42**	2338	2338	
					2338

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Balance Sheet Úč POD 1 - 01

DIČ 2022036599 IČO 35946024

Ozna-čenie a	ASSETS b	Line c	Current Reporting Period: Gross - Part 1 / Correction - Part 2 (1)	Current Reporting Period: Net 2	Immediately-Preceding Reporting Period: Net 3
1.a.	Trade receivables from group companies (311A, 312A, 313A, 314A, 315A, 31XA) - /391A/	43			
1.b.	Trade receivables within a participating interest except for receivables from group companies (311A, 312A, 313A, 314A, 315A, 31XA) - /391A/	44			
1.c.	Other trade receivables (311A, 312A, 313A, 314A, 315A, 31XA) - /391A/	45	2338	2338	
					2338
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	48			
5.	Receivables from partners, members and participants in an association (354A, 355A, 358A,	49			
6.	Receivables from derivative transactions (373A, 376A)	50			
7.	Other receivables (335A, 336A, 33XA, 371A, 374A, 375A, 378A) - /391A/	51	1417145839	1417145839	
					1440429927
8.	Deferred tax asset (481A)	52	5549490	5549490	
					3956347
B.III.	**Total current receivables (l. 54 + l. 58 to l. 68)**	53	1231126321	1231040333	
			22288		1595906600
B.III.1	**Total trade receivables (l. 55 to l. 67)**	54	7905547	7883511	
			22036		1454397
1.a.	Trade receivables from group companies (311A, 312A, 313A, 314A, 315A, 31XA) - /391A/	55	197155	197155	
					132029
1.b.	Trade receivables within a participating interest except for receivables from group companies (311A, 312A, 313A, 314A, 315A, 31XA) - /391A/	56			

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Balance Sheet Úč POD 1 - 01

DIČ 2022036599 IČO 35946024

Designation a	ASSETS b	Line c	Current Reporting Period: Gross - Part 1 / Correction - Part 2 (1)	Current Reporting Period: Net 2	Immediately-Preceding Reporting Period: Net 3
1.c.	Other trade receivables (311A, 312A, 313A, 314A, 315A, 31XA) -	57	7708392	7686356	
			22036		14413368
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	61	3558	3558	
					3558
6.	Social security insurance (336A) - /391A/	62			
7.	Tax assets and subsidies (341, 342, 343, 345, 346, 347) - /391A/	63	115178039	115178039	
					145010898
8.	Receivables from derivative transactions (373A, 376A)	64			
9.	Other receivables (335A, 33XA, 371A, 374A, 375A, 378A) - /391A/	65	39177	38925	
			252		30747
B.IV.	**Total current financial assets (l. 67 to l. 70)**	**66**	22648	22648	
					22325
B.IV.1.	Current financial assets in group companies (251A, 253A, 256A, 257A, 25XA) - /291A, 29XA/	67	22648	22648	
					22325
2.	Current financial assets excluding current financial assets in group companies (251A, 253A, 256A, 257A, 25XA) - /291A, 29XA/	68			
3.	Treasury stock and treasury shares (252)	69			
4.	Current financial assets in acquisition (259, 314A) - /291A/	70			

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Balance Sheet Úč POD 1 - 01

DIČ 2022036599 IČO 35946024

Description a	ASSETS b	Line c	Current Reporting Period: Gross - Part 1	Current Reporting Period: Correction - Part 2	Current Reporting Period: Net 3	Immediately-Preceding Reporting Period: Net 3
B.V.	Financial accounts l. 72 + l. 73	71	220087988		220087988	203228783
B.V.1.	Cash on hand (211, 213, 21X)	72	4742		4742	5672
2.	Bank accounts (221A, 22X, +/- 261)	73	220083246		220083246	203223111
C.	Total accruals and deferrals (l. 75 to l. 78)	74	5768840		5768840	6304526
C.1.	Non-current deferred expenses (381A, 382A)	75	159572		159572	147237
2.	Current deferred expenses (381A, 382A)	76	274933		274933	157493
3.	Non-current accrued income (385A)	77				
4.	Current accrued income (385A)	78	5334335		5334335	5999796

Description a	EQUITY AND LIABILITIES b	Line c	Current Reporting Period 4	Immediately-Preceding Reporting Period 5
	TOTAL EQUITY AND LIABILITIES l. 80 + l. 101 + l. 141	79	2062030800	2103367380
A.	Equity l. 81 + l. 85 + l. 86 + l. 87 + l. 90 + l. 93 + l. 97 + l. 100	80	221313972	213169112
A.I.	Total registered capital (l. 82 to l. 84)	81	36446940	36446940
A.I.1.	Registered capital (411 or +/- 491)	82	36446940	36446940
2.	Changes in the registered capital +/- 419	83		
3.	Receivables for subscribed capital (/-/353)	84		
A.II.	Share premium (412)	85		
A.III.	Other capital funds (413)	86		
A.IV.	Legal reserve funds l. 88 + l. 89	87	8422685	8422685
A.IV.1.	Legal reserve fund and non-distributable fund (417A, 418, 421A, 422)	88	8422685	8422685
2.	Reserve fund for treasury stock and treasury shares (417A, 421A)	89		

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Balance Sheet ÚČ POD 1 - 01

DIČ 2022036599 IČO 35946024

Description a	EQUITY AND LIABILITIES b	Line c	Current Reporting Period 4	Immediately-Preceding Reporting Period 5
A.V.	**Other funds from profit (l. 91 + l. 92**	**90**	28939463	28954463
A.V.1.	Statutory funds (427, 428)	91		
2.	Other funds (427, 428)	92	28939463	28954463
A.VI.	**Total revaluation reserves (l. 94 to l. 96)**	**93**	94357290	96104035
A.VI.1	Asset and liability revaluation reserve (+/- 414)	94	-20734011	-18987266
2.	Financial investments revaluation reserve (+/- 415)	95	11509130 1	11509130 1
3.	Revaluation reserve from fusions, mergers and separations (+/- 416)	96		
A.VII.	**Profit/loss from previous years (l. 98 + l. 99**	**97**	40785590	38944086
A.VII.1	Retained earnings from previous years (428)	98	40785590	38944086
2.	Accumulated losses from previous years (/-/429)	99		
A.VIII.	**Profit/loss for the current reporting period after taxation (+/-(l. 91 - (l. 91 + l. 95 + l. 96 + l. 97 + l. 98 + l. 99 + l.**	**100**	12362004	42969033
B.	**Liabilities (l. 102 + l. 118 + l. 121 + l. 122 + l. 136 + l. 139 + l. 140**	**101**	16996187777	17489817209
B.I.	**Total non-current liabilities (l. 103 + l. 107 to l. 117)**	**102**	34300433	37464676
B.I.1.	**Total long-term trade payables (l. 104 to l. 106)**	**103**		
1a.	Trade payables to group companies (321A, 475A, 476A)	104		
1b.	Trade payables within a participating interest except for payables to group companies (321A, 475A, 476A)	105		
1c.	Other trade payables (321A, 475A, 476A)	106		
2.	Net construction contract value (316A)	107	30344777	33654778
3.	Other payables to group companies (471A, 473A)	108		
4.	Other payables within a participating interest except for payables to group companies (471A, 473A)	109		
6.	Other long-term payables (479A, 479A)	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	39556 6	38098 8
10.	Other non-current payables (336A, 372A, 474A, 479A)	115		
11.	Long-term payables from derivative transactions (373A, 377A)	116		
12.	Deferred tax liability (481A)	117		

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Balance Sheet (Úč POD 1-01)

DIČ 2022036599 IČO 35946024

Description a	EQUITY AND LIABILITIES b	Line c	Current Reporting Period 4	Immediately-Preceding Reporting Period 5
B.II.	**Long-term provisions for liabilities (l. 119 + l. 120**	118	156713708 2	158635780 2
B.II.1.	Legal provisions for liabilities (451A)	119		
2.	Other provisions for liabilities (459A, 459A)	120	156713708 2	158635780 2
B.III.	**Long-term bank loans (461A, 46XA)**	121		
B.IV.	**Total current liabilities (l. 123 + l. 127 to l. 135)**	122	13741324	23261240
B.IV.1.	**Total trade payables (l. 124 to l. 126)**	123	7938819	17097460
1.a	Trade payables to group companies (321A, 322A, 324A, 325A, 327A, 329A, 32XA, 475A, 476A, 478A, 479A)	124	76145	129722
1.b	Trade payables within a participating interest except for payables to group companies (321A, 322A, 324A, 325A, 327A, 329A, 32XA, 475A, 476A, 478A, 479A)	125		
1.c	Other trade payables (321A, 322A, 324A, 325A, 326A, 327A, 329A, 32XA, 475A, 476A, 478A, 479A)	126	7862674	16967738
2.	Net construction contract value (316A)	127	34636 7	36173 4
3.	Other payables to group companies (361A, 364A, 471A, 474A)	128		
4.	Other payables within a participating interest except for payables to group companies (361A, 364A, 471A, 474A)	129		
5.	Payables to partners and participants in an association (364, 365, 366, 367, 368, 369A, 472A, 479A)	130		
6.	Payables to employees (331, 333, 33X, 479A)	131	2294224	24330 73
7.	Social security insurance payables (336A)	132	14187667	13789 12
8.	Tax liabilities and subsidies (341, 342, 343, 345, 346, 347, 340)	133	47758 0	53984 7
9.	Payables from derivative transactions (373A, 377A)	134		
10.	Other payables (372A, 379A, 474A, 475A, 479A, 479A)	135	12655674	14502 14
B.V.	**Short-term provisions for liabilities l. 137 + l. 138**	136	1153053877	1356122881
B.V.1.	Legal provisions for liabilities (323A, 451A)	137	75796 3	76723 7
2.	Other provisions for liabilities (325A, 32X, 459A, 459A)	138	1154574244	1348450444
B.VI.	**Current bank loans (221A, 231, 232, 23X, 461A, 46XA)**	139	4941	3931
B.VII.	**Short-term financial assistance (241, 249, 24X, 473A (-)/255A)**	140		
C.	**Total accruals and deferals (l. 142 to l. 145)**	141	1410980 51	1412165 4 8
C.1.	Non-current accrued expenses (383A)	142		
2.	Current accrued expenses (383A)	143	293	451
3.	Non-current deferred income (384A)	144	1274969 71	1284237 35
4.	Current deferred income (384A)	145	1360078 7	1279236 2

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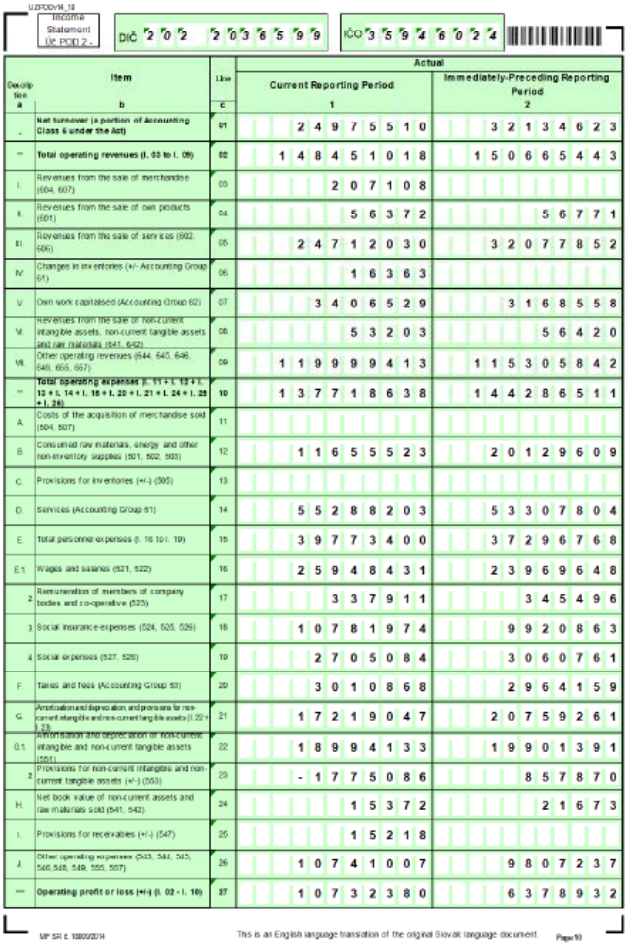

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Income Statement (Úč POD 2 -)

DIČ 2020365999

IČO 35946024

Description code a	Item b	Line c	Actual: Current Reporting Period 1	Actual: Immediately-Preceding Reporting Period 2
-	**Net turnover (a portion of Accounting Class 6 under the Act)**	01	249751510	321346223
**	**Total operating revenues (I. 03 to I. 09)**	02	1484510188	1506654433
I.	Revenues from the sale of merchandise (604, 607)	03	20710808	
II.	Revenues from the sale of own products (601)	04	5637272	5677171
III.	Revenues from the sale of services (602, 606)	05	2471203030	3207785252
IV.	Changes in inventories (+/- Accounting Group 61)	06	163663	
V.	Own work capitalised (Accounting Group 62)	07	3406529	3168558
VI.	Revenues from the sale of non-current intangible assets, non-current tangible assets and raw materials (641, 642)	08	532033	5642020
VII.	Other operating revenues (644, 645, 646, 648, 655, 657)	09	1199994113	1153058422
**	**Total operating expenses (I. 11 + I. 12 + I. 13 + I. 14 + I. 15 + I. 20 + I. 21 + I. 24 + I. 25 + I. 26)**	10	1377186388	1442865111
A.	Costs of the acquisition of merchandise sold (604, 607)	11		
B.	Consumed raw materials, energy and other non-inventory supplies (501, 502, 503)	12	1165552523	2012960909
C.	Provisions for inventories (+/-) (505)	13		
D.	Services (Accounting Group 51)	14	5528820303	5330780404
E.	Total personnel expenses (I. 16 to I. 19)	15	3977340000	3729676768
E.1.	Wages and salaries (521, 522)	16	2594884311	2396964848
2	Remuneration of members of company bodies and co-operative (523)	17	337911	3454966
3	Social insurance expenses (524, 525, 526)	18	1078197474	9920863
4	Social expenses (527, 528)	19	2705084	3060761
F.	Taxes and fees (Accounting Group 53)	20	3010868	2964159
G.	Amortisation and depreciation and provisions for non-current intangible and non-current tangible assets (I. 22 + I. 23)	21	1721904707	2075926 1
G.1	Amortisation and depreciation of non-current intangible and non-current tangible assets (551)	22	1899413313	1990139 1
2	Provisions for non-current intangible and non-current tangible assets (+/-) (553)	23	-177508606	8578700
H.	Net book value of non-current assets and raw materials sold (541, 542)	24	153722	2167 3
I.	Provisions for receivables (+/-) (547)	25	152118	
J.	Other operating expenses (543, 544, 545, 546,548, 549, 555, 557)	26	1074100 07	9807232 7
***	**Operating profit or loss (+/-) (I. 02 - I. 10)**	27	1073238 0	6378932

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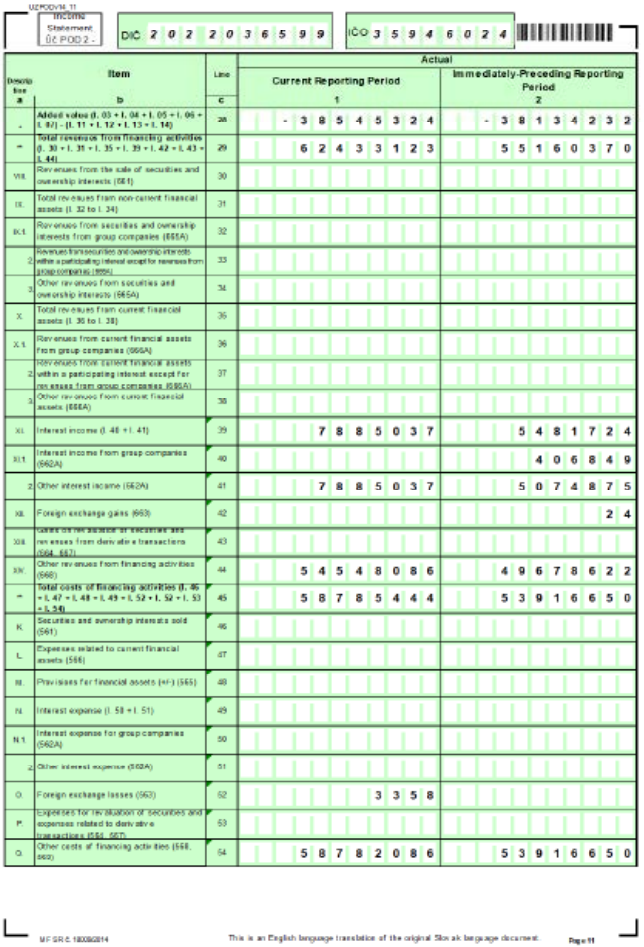

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Income Statement (§Č POD 2 -

DIČ 2022036599

IČO 35946024

Description a	Item b	Line c	Actual: Current Reporting Period 1	Actual: Immediately-Preceding Reporting Period 2
-	**Added value (I. 03 + I. 04 + I. 05 + I. 06 + I. 07) - (I. 11 + I. 12 + I. 13 + I. 14)**	28	-38545324	-38134232
*	**Total revenues from financing activities (I. 30 + I. 31 + I. 35 + I. 39 + I. 42 + I. 43 + I. 44)**	29	62243123	55160370
VIII.	Revenues from the sale of securities and ownership interests (661)	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 (665A)	32		
2.	Revenues from securities and ownership interests within a participating interest except for revenues from group companies (665A)	33		
3.	Other revenues from securities and ownership interests (665A)	34		
X.	Total revenues from current financial assets (I. 36 to I. 38)	35		
X.1	Revenues from current financial assets from group companies (666A)	36		
2.	Revenues from current financial assets within a participating interest except for revenues from group companies (666A)	37		
3.	Other revenues from current financial assets (666A)	38		
XI.	Interest income (I. 40 + I. 41)	39	78850377	54817244
XI.1	Interest income from group companies (662A)	40		40684909
2.	Other interest income (662A)	41	78850377	50748754
XII.	Foreign exchange gains (663)	42		24
XIII.	Gains on revaluation of securities and revenues from derivative transactions (664, 667)	43		
XIV.	Other revenues from financing activities (668)	44	54548086	49678622
*	**Total costs of financing activities (I. 46 + I. 47 + I. 48 + I. 49 + I. 52 + I. 52 + I. 53 + I. 54)**	45	58785444	53916650
K.	Securities and ownership interests sold (561)	46		
L.	Expenses related to current financial assets (566)	47		
M.	Provisions for financial assets (+/-) (565)	48		
N.	Interest expense (I. 58 + I. 51)	49		
N.1	Interest expense for group companies (562A)	50		
2.	Other interest expense (562A)	51		
O.	Foreign exchange losses (563)	52	3358	
P.	Expenses for revaluation of securities and expenses related to derivative transactions (564, 567)	53		
Q.	Other costs of financing activities (568, 569)	54	58782086	53916650

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Income Statement Úč POD 2 -

DIČ 2022036599 IČO 35946024

Description a	Item b	Line c	Actual: Current Reporting Period 1	Actual: Immediately-Preceding Reporting Period 2
***	Profit/loss from financing activities (+/-) (l. 29 - l. 45)	55	3 647 679	1 243 720
****	Profit/loss for the reporting period before taxation (+/-) (l. 27 + l. 55)	56	14 380 059	7 622 652
R.	Income tax (l. 58 + l. 59)	57	2 018 055	3 325 749
R.1.	Current income tax (591, 595)	58	3 611 198	2 774 174
2.	Deferred income tax (+/-) (592)	59	- 1 593 143	551 575
S.	Profit/loss of partnership transferred to partners (+/- 596)	60		
***	Profit/loss for the reporting period after taxation (+/-) (l. 56 - l. 57 - l. 60)	61	12 362 004	4 296 903

Independent Auditor's Report

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

Report on the Audit of the Financial Statements

Opinion
We have audited the financial statements of Jadrová a vyraďovacia spoločnosť, a.s. (the "Company"), which comprise the balance sheet as at 31 December 2024, the income statement for the year then ended, and notes, which comprise a summary of significant accounting policies.

In our opinion, the accompanying financial statements give a true and fair view of the financial position of the Company as at 31 December 2024 and of its financial performance for the year then ended in accordance with Act No. 431/2002 Coll. on accounting, as amended (the "Act on Accounting").

Basis for Opinion
We conducted our audit in accordance with International Standards on Auditing ("ISA"). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the Company in accordance with the provisions of Act No. 423/2015 on statutory audit and on the amendment to Act No. 431/2002 Coll. on accounting, as amended (the "Act on Statutory Audit") related to ethics, including Auditor's Code of Ethics, that are relevant to our audit of the financial statements, and we have fulfilled other requirements of these provisions related to ethics. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Emphasis of Matter
We draw attention to notes III.4, IV.2 and VIII.2 to the financial statements. The Company has valued its liabilities and accounted for the related receivables in connection with the decommissioning of nuclear reactor and non-reactor facilities, storage of spent nuclear fuel and radioactive waste treatment on the basis of the National Policy and National Programme for the Management of Spent Nuclear Fuel and Radioactive Waste in the Slovak Republic. The estimates and assumptions considered by management in making these provisions are inherently sensitive to expectations of future cost and cash flow projections, inflation, discount rates, technical plans and changes in government legislation. Any changes in these parameters could materially affect the value of the provisions recognised in the Company's financial statements in future periods.

Further, we draw attention to notes I.1.2 and III.2 to the financial statements. The company established the joint venture Jadrová energetická spoločnosť Slovenska, a. s. together with ČEZ Bohunice a. s., a subsidiary of ČEZ, a. s., with the aim of building a new nuclear power source. The future development and return on the investment in the joint venture depends on the successful implementation of the project for the construction and subsequent operation of a new nuclear power source at the site of the nuclear power plant in Jaslovské Bohunice. A decision on construction will be made in the future.

Our opinion is not modified in light of these facts.

Responsibility of the Statutory Body and those Charged with Governance for the Financial Statements

The statutory body is responsible for the preparation of these financial statements that give a true and fair view in accordance with the Act on Accounting and for such internal control as it determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, the statutory body is responsible for assessing the Company's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless it either intends to liquidate the Company or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Company's financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statements

Our responsibility is to obtain reasonable assurance about whether the financial statements taken as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but it is not a guarantee that an audit conducted in accordance with the International Standards on Auditing will always detect material misstatements, if any. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users made on the basis of these financial statements.

In an audit conducted under the International Standards on Auditing, we exercise professional judgment and maintain professional scepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures to address those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.

- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control.

- Evaluate the appropriateness of the accounting policies used and the reasonableness of accounting estimates and related disclosures made by the statutory body.

- Conclude on the appropriateness of the statutory body's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Company's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to

the date of our auditor's report. However, future events or conditions may cause the Company to cease to continue as a going concern.

- Evaluate the overall presentation, structure and content of the financial statements including the presented information as well as whether the financial statements capture the underlying transactions and events in a manner that leads to their fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

Report on other Requirements of Laws and Regulations

Report on Information Disclosed in the Annual Report
The statutory body is responsible for the information disclosed in the annual report, prepared based on requirements of the Act on Accounting. Our opinion on the financial statements expressed above does not apply to other information contained in the annual report.

In connection with audit of the financial statements it is our responsibility to understand the information disclosed in the annual report and to consider whether such information is not materially inconsistent with audited financial statements or our knowledge obtained in the audit of the financial statements, or otherwise appears to be materially misstated.

The annual report was not available to us as at the date of issue of the auditor's report on the audit of the financial statements.

When we obtain the annual report, we will consider whether the Company's annual report contains information, disclosure of which is required by the Act on Accounting and based on procedures performed during the audit of financial statements, we will express our opinion considering whether:

- Information disclosed in the annual report, prepared for 2024, is consistent with the financial statements for the relevant year,

- The annual report contains information based on the Act on Accounting.

Additionally, we will disclose whether material misstatements were identified in the annual report based on our understanding of the entity and its situation, obtained in the audit of the financial statements.

21 March 2025
Bratislava, Slovak Republic

Ernst & Young Slovakia, spol. s r.o.
SKAU Licence No. 257

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

ABBREVIATIONS

ACT	Active commissioning tests
ALARA	As Low As Reasonably Achievable - the principle of optimisation of radiation exposure of persons
AMR	Advanced Modular Reactor
AMS	Automated monitoring system
BIDSF	Bohunice International Decommissioning Support Fund
OHS	Occupational health and safety
BRWTC	Bohunice Radioactive Waste Treatment Centre
CP	Civil protection
CO	Carbon monoxide
CO_2	Carbon dioxide
ČEZ, a. s.	České energetické závody, joint-stock company
WWCS	Waste water cleaning station
DHM	Tangible fixed assets
DKP	Decontamination workplace
DNM	Intangible fixed assets
CSC	Completion of storage capacity
DCM	Documentation of change and modification
EBITDA	Earnings before interest, taxes, depreciation, and amortization
EBRD	European Bank for Reconstruction and Development
EIA	Environmental impact assessment
EC	European Commission
EURATOM	European Atomic Energy Community
EU	European Union
FP	Fragmentation workplace
LRW FTF	Liquid RAW Final Treatment Facility
MRB	Main reactor building
FVE	Photovoltaic power plants (FVE1, FVE2)
INES	International Nuclear and Radiological Event Scale
IRAW	Institutional radioactive wastes
IMS	Integrated management system

ISO	International Organization for Standardization
IRAWS	Integral radioactive waste storage facility
JAVYS, a. s.	Jadrová a vyraďovacia spoločnosť, joint-stock company
NPP	Nuclear power plant
JESS, a. s.	Jadrová energetická spoločnosť Slovenska, joint-stock company
NM	Nuclear material
NI	Nuclear Installation
LRAW	Liquid radioactive waste
KR HaZZ	Regional Fire and Rescue Corps Directorate
L&C	Limits & conditions
IAEA	International Atomic Energy Agency
LDS	Local distribution system
ME SR	Ministry of Economy of the Slovak Republic
MLSAF SR	Ministry of Labour, Social Affairs and Family of the Slovak Republic
ISFS	Interim Spent Fuel Storage
MEnv SR	Ministry of Environment of the Slovak Republic
LLW	Low-level waste
NNF SR	National Nuclear Fund of the Slovak Republic
NNS	New nuclear source
NO_x	Nitrogen oxides
PPE	Personal protective equipment
PS	Packaging set
SG	Steam generator
SC	Shipping containers
PMU	Project Manager Unit
OR	Operating regulation
SRAW	Solid radioactive wastes
TE	Transport equipment
RAW	Radioactive waste
RF	Russian Federation
RM	Radioactive material
RMUO	Radioactive material of unknown origin
NRWR	National RAW Repository
SE, a. s.	Slovenské elektrárne, joint-stock company

SE-EBO	Slovenské elektrárne, a. s., Bohunice NPP (V2 NPP)
SE-EMO	Slovenské elektrárne, a. s., Mochovce NPP (EMO1, 2, 3)
SIEA	Slovak Innovation and Energy Agency
SO_2	Sulphur dioxide
SR	Slovak Republic
SUZA	Mobile equipment for liquid and sludge radioactive waste treatment
TOC	Total organic carbon
RAW TCT	RAW treatment and conditioning technology
NRA SR	Nuclear Regulatory Authority of the Slovak Republic
PHA SR	Public Health Authority of the Slovak Republic
FCC	Fibre-concrete container
VLLW	Very low-level waste
FCC PP	Fibre-concrete container producing plant
SF	Spent fuel
HP - compaction	High-pressure compaction
SFP	Sludge fixation plant
PFB	Plant fire brigade
CRM	Collected radioactive material

ANNUAL REPORT 2024

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