

RADIOANALYTICAL SERVICES WITHIN DECOMMISSIONING OF OLD FACILITIES IN ÚJV ŘEŽ, A. S.

Wednesday, 25 May 2016 09:00 (9 hours)

History of ÚJV Řež, a. s. began 1955 and covered activities like nuclear physics, chemistry, nuclear power, experiments at the research reactor and many other topics. Main issues addressed in ÚJV in the past decades were concentrated on research, development and services provided to the nuclear power plants operating VVER reactors, development of chemical technologies for fuel cycle and irradiation services to research and development in the industrial sector, agriculture, food processing and medicine. Decommissioning of old obsolete facilities began in 2003 and will be finished in 2016. Due to the lack of information about long-term unused facilities and heterogeneous waste huge radiological characterization of the facilities had to be provided. The characterization consisted of non-destructive and destructive procedures. For non-destructive assay our laboratory is equipped with an in-situ gamma spectrometry, a segmented gamma scanner, and a digital radiography system. Destructive assay is provided in the central analytical laboratory department with capability to provide all requested radiochemical analysis.

Country or International Organization

Czech Republic

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YES

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