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### ОЦІНКА РАДІОЛОГІЧНОГО ВПЛИВУ МОЖЛИВИХ АВАРІЙ ПРИ ЗНЯТТІ З ЕКСПЛУАТАЦІЇ ДОСЛІДНИЦЬКОГО РЕАКТОРА ВВР-М

Дослідницький реактор ВВР-М планується до зняття з експлуатації. Необхідною складовою звіту з аналізу безпеки є аналіз і оцінка потенційних аварій при виконанні зняття з експлуатації. У цій статті представлено підхід до визначення небезпек і можливих радіологічних наслідків найнебезпечнішої вихідної події. Результати оцінки показують, що радіологічні наслідки будуть значно нижчими за встановлені норми.

*Ключові слова:* реактор типу ВВР, зняття з експлуатації, аварія, доза опромінення, викиди.

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### RADIOLOGICAL IMPACT ASSESSMENT FOR POSSIBLE ACCIDENTS DURING THE DECOMMISSIONING OF THE WWR-M REACTOR

The WWR-M research reactor is planned for decommissioning. An essential component of the safety analysis report is the analysis and assessment of potential accident scenarios during decommissioning. This article presents an approach to identifying hazards and possible radiological consequences of the most dangerous initial event. The assessment results show that the radiological consequences will be significantly lower than the established standards.

*Keywords:* WWR-type research reactor, decommissioning, accident, exposure, release.

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