



## NUWARD and EDF are proud to start the second phase of the Joint Early Review of the NUWARD SMR design with an extended group of European nuclear safety authorities.

In June 2022, EDF announced that NUWARD Small Modular Reactor was the case study for a European joint regulatory review led by the French nuclear safety authority (ASN) with the participation of the Czech (SUJB) and Finnish (STUK) safety authorities and two of their Technical Safety Organisations (IRSN for France and SURO for the Czech Republic).

These early discussions, which took place outside of any formal licensing process, have enabled NUWARD to receive first early feedback that will benefit basic design studies and ultimately anticipate the challenges of international licensing. Willing to share the insights and experience feedback from this initiative with the international community, both EDF/NUWARD and the involved regulators have published their summary closure reports<sup>1</sup> in September this year.

Based on this successful first-of-its-kind experience, EDF, NUWARD and an extended group of European regulators have launched the second phase of the Joint Early Review in December this year. The group of initial safety authorities has now been joined by the regulators from Sweden (SSM), Poland (PAA) and the Netherlands (ANVS). The objective of this new phase is to further foster early exchanges with the group of safety authorities which are strategically important for the NUWARD SMR development in Europe and identify key enablers and conditions for NUWARD SMR to meet licensing expectations in these countries.

The review will include new technical topics with a similar process to that of the first phase, as well as further discussion on how NUWARD intends to take into account in its design the feedback from the Joint Early Review.

In addition, these exchanges will enable all participants to enhance their collaboration and increase their respective knowledge of each other's regulatory practices.

**Renaud Crassous, Executive President of NUWARD**, said: *"This joint early review is the way to embed international expectations into the NUWARD SMR design as early as possible and develop a standardised design, licensable in multiple countries. We are also proud to contribute more generally to creating the conditions to streamline and harmonise the licensing process of SMRs across the European Union, with this innovative initiative."*

In parallel, the NUWARD SMR Safety Options File has been submitted to the French Safety Authority (ASN) in July 2023, an essential step to prepare the licensing process for the first NUWARD SMR plant in France.

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<sup>1</sup> To access the reports: [NUWARD summary report](#) and [European safety regulators' report](#)

**About EDF**

As a major player in energy transition, the EDF Group is an integrated energy company active in all businesses: generation, transmission, distribution, energy trading, energy sales and energy services. EDF group is a world leader in low-carbon energy, having developed a diverse production mix based mainly on nuclear and renewable energy (including hydropower). It is also investing in new technologies to support energy transition. EDF's raison d'être is to build a net zero energy future with electricity and innovative solutions and services, to help save the planet and drive well-being and economic development. The Group is involved in supplying energy and services to approximately 40.3 million customers (1), of whom 30.3 million in France (2). It generated consolidated sales of €143.5 billion in 2022.

*(1) Customers are counted per delivery site. A customer can have two delivery points: one for electricity and another one for gas.*

*(2) Including ÉS (Électricité de Strasbourg) and SEI.*

**About NUWARD**

Launched in March 2023, NUWARD is EDF Group's subsidiary dedicated to the development of its Small Modular Reactor (SMR). The NUWARD SMR is targeted to replace old high CO2-emitting coal, fuel, oil and gas power plants around the world, as well as offering the capability of supporting other usages such as heat and electricity cogeneration, hydrogen production, district heating or water desalination. Based on proven PWR technology, it is a 340MWe plant with two reactors of 170MWe each. The project relies on the skilled and valued contributions of EDF, CEA, Naval Group, TechnicAtome, Framatome and Tractebel. More information on [www.nuward.com](http://www.nuward.com)

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