

Title (en)
METHOD AND SYSTEM FOR CONTROLLING A NUCLEAR POWER PLANT

Title (de)
VERFAHREN UND SYSTEM ZUR STEUERUNG EINES KERNKRAFTWERKS

Title (fr)
PROCÉDÉ ET SYSTÈME DE PILOTAGE D'UNE CENTRALE NUCLÉAIRE

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Abstract (en)
[origin: WO2022189611A1] The invention relates to a control method which comprises, when no imbalance is detected between a primary power signal (S1) and a secondary power signal (S2), implementing a setpoint monitoring mode, in which the nuclear power plant is controlled in accordance with an operational power setpoint (COP), and in the event of detecting an imbalance, automatically implementing a power limitation mode, which comprises calculating a target equilibrium power (PEC) equal to or less than the primary power (P1) and equal to or less than the secondary power (P2), and controlling the nuclear power plant (2) in accordance with the target equilibrium power (PEC).

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