

Title (en)

METHOD OF DISMANTLING A WORN STEAM GENERATOR IN A PRESSURIZED WATER NUCLEAR REACTOR

Title (de)

VERFAHREN ZUR ZERLEGUNG EINES GEBRAUCHTEN DAMPFERZEUGERS EINES NUKLEAREN DRUCKWASSERREAKTORS

Title (fr)

PROCEDE DE DEMANTELEMENT D'UN GENERATEUR DE VAPEUR USAGE D'UN REACTEUR NUCLEAIRE A EAU SOUS PRESSION

Publication

EP 0719441 A1 19960703 (FR)

Application

EP 94925531 A 19940829

Priority

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- FR 9311055 A 19930916

Abstract (en)

[origin: WO9508173A1] Method of dismantling a steam generator (10) comprising a primary portion (20, 24) connected to the primary circuit of the reactor, said primary portion including metal elements (15, 22, 26, 28) contaminated by contact, during operation, with a cooling fluid in the reactor core. According to the method, the inner surface metallurgical elements of the primary portion (20, 24) are decontaminated by circulating a hard acid decontaminating solution containing quadrivalent cerium flow in contact with said surface, the steam generator is cut into sections (at H1, H2 and H3) to separate the decontaminated metal elements (15, 22, 26, 28) from the rest of the steam generator, the decontaminated metal elements (15, 22, 26, 28) are remelted and processed to form new metal elements.

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