

FROM H. Doyah e, Dir. Association Viacotte Belgium	CONTROL NUMBER 3252	ACTION COMPLETION DEADLINE
TO Clifford K. Beck	DATE OF DOCUMENT 3/23/71	FILE LOCATION
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Requests advice on the prestressed concrete primary contain-
 ment of the future Tihange nuclear power station in Belgium

REMARKS

For Dr. Beck's signature

*Letter to Mr
 Doyehie from
 Beck 4/20/71*

REFERRED TO	DATE
Case I/action	4/1/71
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DÉPARTEMENT SÉCURITÉ NUCLÉAIRE

Nuclear Safety 02/018.

March 23, 1971.

Dr. Clifford K. BECK
Deputy Director of Regulation
U.S. ATOMIC ENERGY COMMISSION

WASHINGTON D.C. 20545

U.S.A.

POOR ORIGINAL

Dear Doctor Beck,

I should be very much obliged if you could provide me with some advise on the prestressed concrete primary containment of the future Tihange nuclear power station.

The Tihange station, to be located in the Meuse valley in Belgium, should have a net capacity of 870 MW-e, and be powered by a 2,660 MW-t P.W.R. of the Westinghouse type.

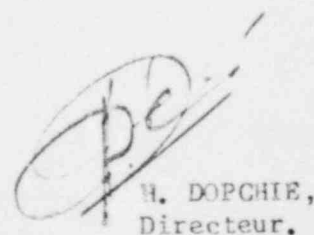
The primary containment structural material should be prestressed concrete, with an internal free volume of about 68,000 m³. No special feature, such as ice-condenser, is provided.

The matter of concern is that the prestressing tendons are intended to be grouted by a cement mortar, and hence be unavailable for periodical inspection during the life of the station.

Would you be so kind as to indicate if this grouting is generally considered acceptable by the U.S.A.E.C. If the answer is positive, I should appreciate a copy, or a reference, of any specification pertaining to the design, installation and quality insurance of such grouted tendons.

I am most grateful for any indication you would care to provide, and remain

Sincerely yours


H. DOPCHIE,
Directeur.

DR-3252

3/26/71