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FROM
M. Dechaye, Dir.
Association Vinçotte
Belgium

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FILE LOCATION

TO
Clifford K. Beck

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Requests advice on the prestressed concrete primary containment of the future Tihange nuclear power station in Belgium

REMARKS
For Dr. Beck's signature
Ltr to Mr Dieckhoff
Beck 4/20/71

REFERRED TO	DATE
Case Election	4/1/71
Cys: Beck	
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Association sans but lucratif
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Rhode-Saint-Genèse

Téléphone : (02) 58 35 80
Télex : (02) 225 50
Chèques Postaux : 377 02
Société Générale de Banque : 76 222
Banque de Bruxelles : A. 02/2165
Banque de Paris et des Pays-Bas : 30635

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.

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 m^3. 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