

Cheek, Michael

From: Bahadur, Sher *msc*
Sent: Wednesday, September 07, 2011 11:01 AM
To: Weerakkody, Sunil; Cheek, Michael
Subject: Fw: North Anna - Two Fuel Issues

Importance: High

FYI
Sher Bahadur
Sent from a US NRC BlackBerry

From: Mendiola, Anthony *msc*
To: Wilson, George
Cc: Clifford, Paul; Ulses, Anthony; Attard, Anthony; Tony Attard (HOME); (b)(6) Panicker, Mathew;
Wu, Shih-Liang; Bahadur, Sher
Sent: Wed Sep 07 10:54:11 2011
Subject: North Anna - Two Fuel Issues

ETC

George,

Just to clarify, we have TWO issues regarding the fuel.

1 – Seismic (structural) performance – the fuel is analyzed to behave in a safe manner (structurally) in the event of a OBE/SSE. If OBE/SSE is exceeded, fuel vendor warranties and regulatory analysis judgments are considered void until proven otherwise.

2- Thermal Hydraulic performance – Possibility of mixing flow vane damage could challenge the thermal margin performance of the fuel as well as the accident analyses of the core.

Anthony Mendiola
Chief, Nuclear Performance and Code Review Branch
SNPB/DSS/NRR/NRC
(301) 415-1054

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