

RAS 13650

ATTACHMENT A

DOCKETED
USNRC

May 16, 2007 (4:05pm)

OFFICE OF SECRETARY
RULEMAKINGS AND
ADJUDICATIONS STAFF

NORTH ANNA ESP SAFETY INQUIRIES

U.S. NUCLEAR REGULATORY COMMISSION
 In the Matter of Dominion Nuclear North Anna, LLC
 Docket No. 52-008-ESP Official Exhibit No. 6
 OFFERED by: Applicant/Licensee _____ Intervenor _____
 NRC Staff _____ Other _____
 IDENTIFIED on 4/24/07 Witness/Panel _____
 Action Taken: ADMITTED REJECTED WITHDRAWN
 Reporter/Clerk: ME

Dominion North Anna, LLC.
Docket No. 52-008-ESP
Staff Exhibit 6

Template = SECY-027

SECY-02

Attachment A: North Anna ESP Safety Inquiries

#	Document Page	Document Section	Inquiry	Answer (Including Author, SME, and Key Documents)
Site Characteristics				
1	SER 1-3	SER Section 1.2	What is the expected high water level of Lake Anna and how does it compare with the lakeside property line elevation of land owned by Lake Anna residents?	<p>The Staff's safety evaluations are based on conservative assumptions. Therefore, the Staff estimate of the highest flood water elevation is 270 ft MSL, (NUREG-1835, p. 2-84). This value is not the expected annual maximum high water elevation because under the current operating rules for the Lake Anna Dam, which are regulated by the State of Virginia, releases are generally performed to maintain a water surface elevation of 250 ft MSL (SER p. 2-65). The expected normal high water lake level is 255 feet and Virginia Power and ODEC own the land that forms Lake Anna to a level of 255 ft (Applicant's Environmental Report ("ER"), p. 137).</p> <p><u>Author:</u> George Wunder <u>SME:</u> Goutam Bagchi <u>Key documents:</u> NUREG-1835, "Safety Evaluation Report for an Early Site Permit (ESP) at the North Anna ESP Site," September 2005 ("NUREG-1835")</p>
2	SER 2-3	SER Section 2.1.1.3	Does the Applicant, Dominion Nuclear North Anna LLC, currently have any right, title, or interest in the proposed ESP site?	<p>No. The ESP site is owned by Virginia Electric and Power Company (Virginia Power) and Old Dominion Electric Cooperative ("ODEC"). Virginia Power and ODEC are direct and indirect wholly-owned subsidiaries, respectively, of Dominion Resources, Inc. ("DRI"). Dominion Nuclear North Anna is an indirect wholly-owned subsidiary of DRI.</p> <p><u>Author:</u> George Wunder <u>SME:</u> George Wunder <u>Key documents:</u> n/a</p>
3	SER 2-4, 2-5, 2-6	SER Section 2.1.2.1	The Applicant appears to have no authority and control over the exclusion area. The Applicant states that it will "purchase or lease the site from Virginia Power and ODEC" and goes on to predict what the terms of the lease will	<p>In proposed Permit Condition 1, the Staff recommends requiring that approvals called for by state law for agreements providing for shared control of the ESP exclusion area be obtained before construction of any future nuclear plant.</p> <p><u>Author:</u> George Wunder <u>SME:</u> George Wunder <u>Key documents:</u> NUREG-1835</p>