

**From:** Steven Long *MR*  
**To:** Mark Kirk; Wallace Norris *RES*  
**Date:** 8/27/02 9:06AM  
**Subject:** Fwd Instability for Failure Pressure

FYI

*B/126*

**From:** <drwuokko@firstenergycorp.com>  
**To:** <jbh1@nrc.gov>  
**Date:** 8/27/02 9:02AM  
**Subject:** Instability for Failure Pressure

Jon-

This information is provided in response to Steve Long's question on Table 1 of SIA Document W-DB-01Q-305 transmitted to the NRC by letter Serial 1-1282, dated July 20, 2002, regarding Table 1 and the instability value of 7000 psi failure pressure for the 0.297 inch cladding thickness with an exposed area of 20.5 sq inches. SIA ran the model to instability using fixed pressure increments and obtained 7000 psi

SIA has rerun the model without using fixed increments and obtained a numerical value of instability of 7219.2 psi. SIA is sending us an addendum to this Document W-DB-01Q-305 with this value. Are you going to need this addendum submitted by letter, or will this e-mail suffice?

-Dale Wuokko

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