

**From:** Benson, Michael  
**To:** Rathbun, Howard  
**Cc:** Stevens, Gary  
**Subject:** ORNL Models  
**Date:** Wednesday, June 27, 2012 3:02:00 PM

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Howard,

See [REDACTED] (b)(7)(F) there should be both axisymmetric and 3D vessel models there. They did a lot of investigation on the validity of simplified K equations for nozzle corner cracks.

Thanks,

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