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February 15, 2016 12:00 PM To: Robert Ellis <rellis@pppl.gov>, nallen@pppl.gov, William Blanchard <wblancha@pppl.gov>, Stefan Gerhardt <sgerhard@pppl.gov>, Frank Jones <fjones@pppl.gov>, Lewis Morris </morris@pppl.gov>, "'Frank Malinowski" </morris/gov>, Roger Raman </morriarganeity for the state </morris/active data Cc: Brentley Stratton https://www.chainan.com/completer, regor hand, stratton https://wwwwwwwwwwwwwwwwwwwwww.chainan.com/completer, regor hand, stratton https://www.chainan.com/completer, regor

1 Attachment, 2.2 MB

The peer review for the addition of midplane and lower MGIs (WP#2165) to NSTX-U was presented by Nicole Allen and Bob Ellis on Thursday, February 11, 2016. The design review adequately covered all required aspects including: mechanical design and installation; forces and resulting stresses; electrical isolation and grounding.

The review generated three minor chits, and one of a more serious concern regarding the midplane vacuum flight tube. The review panel concurred that an improved support for the flight tube could lessen the potential for accidental breach of vacuum.

Presentation, chits, attendance sheet and chairman's summary are attached.

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