NCSX RFD Part I	Number: 12-008	RFD Description: Change in Seal and Port Cover Material
Initiator: D. McCorkle		**Organization: Major Tool**

List of Impacted Documents: *(Specification, MIT/QA Plan, SOW, drawing, etc.):*
Drawings SE121-099 (Seal) and SE121-091 (Blank Cover)

Cost Impact: *(If none, so state)* **NONE**

Schedule Impact: *(If none, so state **NONE***)

Quality Impact: *(If none, so state)* **NONE**

State Requirement Deviation is Requested For*: (Specification, MIT/QA Plan, SOW, drawing, etc.):* **Drawings SE121-099 (Seal) and SE121-091 (Blank Cover)**

Full Description of the Deviation Requested: *(Use continuation pages, e-mails, letter, sketches, etc. as needed and include amplifying information as appropriate to support deviation request.)*

DEVIATION: In accordance with the disposition of RFD-12-007, this deviation requests formal authorization to produce SE121-099 Seal and SE121-091 Blank Cover to 316L Stainless Steel instead of Alloy 625.

Justification: Potential cost savings.

Attachments:

Initiator Signature: Doug McCorkle   Date: September 12, 2005

NCSX RFD Part II	Number: 12-008	RFD Description: Change in Seal and Port Cover Material

RLM: Brad Nelson   **Organization: ORNL**

Impact on Interfaces with Other WBS Elements/Items: *(If none, so state):* **NONE**

RLM Recommendation:

☐ **Approve**   ☒ **Do Not Approve**

Additional remarks:
Paul Goranson: The seals which will stay with the VV after testing must remain inconel. The cover plates must remain Inconel to avoid problems during bakeout.

RLM Signature: _____

Project Disposition:

☐ **Approved. No ECP required.**

☐ **Approved. ECP and ECN will be processed by October 31st to reflect this authorized material substitution.**

☒ **Not Approved. Reason(s) for disapproval: Material must remain as Inconel.**

_____
NCSX Systems Engineering Support Manager