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| Traveler Title | C100R Cavity Field Probe Feedthrough Cold Shock | | | |
| Traveler Abstract | This traveler provides the necessary steps to perform cold shock on C100R cavity field probe feedthroughs. | | | |
| Traveler ID | C100R-VTA-FPFT-CSHK | | | |
| Traveler Revision | R1 | | | |
| Traveler Author | L. Zhao | | | |
| Traveler Date | 26-Jun-24 | | | |
| NCR Informative Emails | jtkent,areilly,overtonr | | | |
| NCR Dispositioners | lzhao,forehand,ganey | | | |
| D3 Emails | jtkent,lzhao,forehand,ganey,areilly,overtonr | | | |
| Approval Names | L. Zhao | J. Kent | K. David | A. Reilly |
| Approval Signatures |  |  |  |  |
| Approval Dates |  |  |  |  |
| Approval Title | Author | Reviewer 1 | Reviewer 2 | Project Representitive |

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| --- | --- | --- | --- | --- |
| References | List and Hyperlink all documents related to this traveler. This includes, but is not limited to: safety (THAs, SOPs, etc), drawings, procedures, and facility related documents. | | | |
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| Revision Note |  |
| R1 | Initial release of this traveler. This is separated from old incoming inspection traveler per Pansophy policy. |

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| Step No. | Instructions | Data Input |
| 1 | This step is Step 4 in the inspection traveler C100R-INSP-FPFT-R2.  C:\Users\lzhao\Downloads\C100R Field Probe Modification_1.JPG  Record the serial number of the feedthrough.  Enter the operator name and date.  Cold Shock the feedthrough:   * Perform in VTA * Place in a stainless steel basket suspended in test stand. Wire-tie each feedthru to the basket. * Cool-down to 4K using standard cool-down rate, approx. room-temp to 4K in one hour. * Fill the dewar enough to make sure that the feedthru is covered in liquid. * Warm to room temperature; repeat 2 additional times for a total of 3 cycles.   Provide comments and/or files if the cool down procedure was unsusual.  When the cold cycle is done, pass the feedthroughs back to CMA group for post-cold shock leak check. | [[FPFTSN]] <<FPFTSN>>  [[ColdShockTech]] <<SRF>>  [[ColdShockDate]] <<TIMESTAMP>>  [[ColdShockComments]] <<COMMENT>>  [[VTAFiles]] <<FILEUPLOAD>> |