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RSC Check-off list for Phase I Test of ERL Klystron

The Kirk-key system will be used to keep the Klystron voltage off until this list is complete. After the list is complete the LE may allow the operation of the Klystron to a maximum voltage of 10 kV. After the completion of the test the LE will secure the Klystron voltage with the Kirk-key system.
Some items may not be suitable for phase II testing but are sufficient for phase I. A new list will be generated for Phase II testing.

System Safe via Kirk-key.

_____ (LE) System is safe.

T/B (RSC) Shielding documentation sufficient for phase I test.

_____ (RSC) Shielding inspected including PB shields and acceptable for phase I tests.

Den (SSH) RGD Subject area is satisfied for CA Dept. for Phase I test.

_____ (CEE) Kirk-key system has been approved for use.

_____ (RCT) Door to Klystron area posted as high radiation area with Klystron on.

_____ (RCT) Area near the Klystron shield is roped off to exclude personnel during surveys including the second floor above the klystron.

_____ (RCT) RCT is ready to survey for low energy x-rays.

_____ (LP) Area is ready for phase I testing. The LP or designate is responsible to keep the phase one testing below 10kV.

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The LE may now unlock the Kirk-key system to allow operation. At the completion of the test the LE or LP is responsible to use the Kirk-key system to prevent operation until another authorized test.

The RCT should attach the survey results to this check-off list.