

GUIDELINE	PERFORMANCE	EXCEPTIONS & DEVIATIONS
<p>1. Control Area Access</p> <ul style="list-style-type: none"> • Only for official business • Restrict access to controls • Entry allowed by authorized individuals 	<p>1. Control Area Access</p> <ul style="list-style-type: none"> • The Main Control Room is limited to those persons on official business only. It has clear boundaries of glass walls, regular walls and glass doors. • Only trained Operators and Operations Coordinators may manipulate controls and be unsupervised. Physicists may perform accelerator studies using a formal procedure, checklists and authorizations, see OPM 2.11, "Accelerator Physicists and Systems Specialists." • Authorized entry to Main Control Room is under the purview of the Operations Coordinator. See OPM 2.3, "Activities in Control Room". All accelerator and experimental areas that are controlled for access are locked, and keys are issued only to trained and qualified personnel. Locks for primary areas are controlled electrically and the Access Control System automatically disables key access when beam is enabled. 	<p>1. Control Area Access</p> <ul style="list-style-type: none"> • None.
<p>2. Professional Behavior</p> <ul style="list-style-type: none"> • Prohibit distractions 	<p>2. Professional Behavior</p> <ul style="list-style-type: none"> • Professional behavior is encouraged at all times. Potentially distracting activities are generally prohibited; the Operations Coordinator is the arbitrator. See OPM 2.3, "Activities in Control Room." The adjacent Main Control Room conference room is segregated from the Main Control Room by thick glass walls, and is not directly in view of Main Control Room personnel. 	<p>2. Professional Behavior</p> <ul style="list-style-type: none"> • None.
<p>3. Monitoring the Main Control Panels</p> <ul style="list-style-type: none"> • Take action to determine cause of abnormalities. 	<p>3. Monitoring the Main Control Panels</p> <ul style="list-style-type: none"> • Operators are trained to respond to alarms in a timely fashion, taking reasonable actions. For example, see OPM 2.2, "Operating Practices," Section 2.7, OPM 6.1.2, "Responding to Chipmunk Interlocks," and OPM 6.1.3, "Responding to Chipmunk Alarms." The TVDG OPM contains procedures for responding to abnormal conditions, e.g. TVDG OPM 10013, Radiation Without Interlock Response, TVDG OPM 10014, Emergency Stop Activation Response, and TVDG OPM 10017, Oxygen Alarm Response. 	<p>3. Monitoring the Main Control Panels</p> <ul style="list-style-type: none"> • None.

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<ul style="list-style-type: none"> • Provide backup to computer control systems. 	<ul style="list-style-type: none"> • Computer controlled interlocks are maintained by two separate and independent computer systems. The hard-wired interlock system is dual and independent. The action of hard-wired interlocks is monitored and automatically recorded on a computer. Both the computer-controlled and hard-wired access control systems are maintained on un-interruptable power supplies. All controls systems at the TVDG are manual. 	
<p>4. Control Room Operator Ancillary Duties</p> <ul style="list-style-type: none"> • Limit the ancillary activities of operators. • If appropriate, perform administrative duties away from controls. 	<p>4. Control Room Operator Ancillary Duties</p> <ul style="list-style-type: none"> • Ancillary duties assigned to operators do not interfere with their ability to monitor parameters. Reviewing procedures and required reading do not comprise a major portion of shift responsibilities. • Administrative duties may be performed at operating consoles. 	<p>4. Control Room Operator Ancillary Duties</p> <ul style="list-style-type: none"> • None.
<p>5. Operation of Control Area Equipment</p> <ul style="list-style-type: none"> • Operate only with specific authorization. • Trainees should be supervised. 	<p>5. Operation of Control Area Equipment</p> <ul style="list-style-type: none"> • Only persons specifically authorized by procedure may operate Main Control Room controlled equipment. • Trainees are not allowed to work in Main Control Room unless they are supervised. See OPM 2.4. 	<p>5. Operation of Control Area Equipment</p> <ul style="list-style-type: none"> • None.