

GUIDELINE	PERFORMANCE	EXCEPTIONS & DEVIATIONS
<p>1. Operator Responsibilities</p> <ul style="list-style-type: none"> Operators should be able to recognize out-of-specification process parameters, adverse trends, and be familiar with corrective actions. 	<p>1. Operator Responsibilities</p> <ul style="list-style-type: none"> Operators are trained to respond to out-of-specification process parameters and adverse trends. See OPM 2.D-1.5, Occurrence Reporting and processing of Operation Information. A Call-Down-List of system experts is maintained and, if necessary, operators will shut down the system or the entire program in order to maintain a safe status. 	<p>1. Operator Responsibilities</p> <ul style="list-style-type: none"> None.
<p>2. Operator Knowledge</p> <p>Operators should be knowledgeable of processes and safety that affect operation and should be able to analyze off-normal situations and take action to correct the causes. Examples of process information include:</p> <ul style="list-style-type: none"> Water pH, and conductivity Hazards associated with chemical storage Properties and hazards of such gases as hydrogen, nitrogen, carbon dioxide, chlorine, and halon <ul style="list-style-type: none"> Water-treatment equipment use <ul style="list-style-type: none"> Knowledge of operating limits, characteristics of off-normal and unique processes, and associated response and recovery conditions 	<p>2. Operator Knowledge</p> <p>Operators are knowledgeable of processes and safety that affect operation and are able to analyze off-normal situations and take action to correct the causes. Examples of process information include:</p> <ul style="list-style-type: none"> Cooling system parameters, Hazards associated with chemical storage (see OPM 2.E-1, Hazard Communication) Properties and hazards of gases see OPM 2.L "Chemical Safety." <ul style="list-style-type: none"> Knowledge of cooling towers, evaporative coolers and water treatment systems, see OPM 7.C, "Cooling Systems". <ul style="list-style-type: none"> Knowledge of operating characteristics of off-normal and unique processes, and associated response and recovery conditions limits (see OPM 2.D-1.1, "ORNL SBMS Subject Area: Occurrence and Non-Routine Event Response and Reporting." 	<p>2. Operator Knowledge</p> <ul style="list-style-type: none"> None.

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<p>3. Operator Response to Process Problems</p> <ul style="list-style-type: none"> Operators should be capable of making the appropriate responses to process conditions. 	<p>3. Operator Response to Process Problems</p> <ul style="list-style-type: none"> Operators are trained to make appropriate responses to process conditions. See, OPM 2.H-18.10 "Responding to Chipmunk Alarms and Interlock Trips".. 	<p>3. Operator Response to Process Problems</p> <ul style="list-style-type: none"> None.
<p>4. Communication Between Operators & Process Personnel</p> <ul style="list-style-type: none"> Operators should receive reports from, and communicate with, process personnel about important process matters. 	<p>4. Communication Between Operators & Process Personnel</p> <ul style="list-style-type: none"> Operators of unique processes report to the Chief Operator in the CCR. See OPM 6.A-1 "SNS Operations Organization and Administration." Shift logs and Trouble Reports are used to communicate important process matters (see Accelerator Operations). 	<p>4. Communication Between Operators & Process Personnel</p> <ul style="list-style-type: none"> None.