

Daily Check of Utilidor

Document Number EN-S-602

Revision 2

Approved by [REDACTED]

South Pole Station

09/14/05

Active Divisions/Departments
FEMC

Table of Contents

Table of Contents	i
Purpose.....	1
Responsibility	1
Maintenance Specialist, FEMC.....	1
Discussion.....	1
Inspecting the Utilidor	1
Records	2

Purpose

This standard operating procedure outlines the necessary steps for a daily check of the South Pole utilidor and tunnels for the SPSM project.

Responsibility

Maintenance Specialist, FEMC

Discussion

The utilidor must be inspected on a daily basis to prevent the build up of ice. During the daily check, maintenance personnel must keep an eye out for any leaks that could turn into ice.

Inspecting the Utilidor

To conduct a daily inspection of the utilidor, and complete the following tasks:

1. Sign out before entering the utilidor.

The sign-out sheet for the utilidor is located in the Communications Building. All personnel entering the utilidor or tunnels must sign out.

2. Enter the utilidor through the main entrance, which is near the galley door closest to the Communications Building. This is the preferred entrance since the light switch for the utilidor is in the Communications Building on the side of panel 2-A near the fire alarm panel.

3. The entrance to the tunnels is located in the arch between the Power Plant, BL103 and the Vertical Tower, BL105. The light switch is located inside the access door on the left side.
4. Conduct a thorough inspection of the utilidor from end to end on a daily basis.
note A small water leak can produce a lot of ice in a short period of time.
5. Walk to the far end of the new sewer outfall tunnel looking for leaks, then walk to the Bio-Med end, while inspecting each trunk leading to Communications, Science, the Galley, and the Power Plant.
5. Check for any wiring that may be out of place or pipe stanchions that require adjusting.
6. Replace light bulbs as needed.
7. Sign out after exiting the utilidor or tunnels, and turn off the lights to the utilidor.

Records

The sign in/out log sheet is the responsibility of the Communications department.