



## Cooling Contingency Planning

*Planning for the Unexpected*  
*Is Your Facility Prepared?*



# Risk Management

**U**nexpected events, such as natural disasters, can expose organizations to risks. Even planned maintenance and repairs can create disturbances.

Many aspects of facility management can be handled proactively through proper facility design. Others cannot. Unexpected events, such as natural disasters, can expose organizations to risks. Even planned maintenance and repairs can create disturbances. In order to prevent downtime and/or lost production, many industrial organizations develop a contingency plan for each of their critical services.

Most facility managers understand their organization's dependence on their central cooling system. Nevertheless, while it's common for these managers to have a number of well-documented contingency plans in place for emergencies, such as fires or electrical outages, few have developed a formal strategy to deal with a cooling outage. Yet, the results could be equally devastating.

Creating or updating such a contingency plan helps you minimize the financial risk to your facility if normal chilled water service is disrupted. How? By making it possible to quickly and easily utilize temporary cooling when it's needed.

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# Cooling Contingency Planning

## A Thorough Analysis

The Trane Company has developed a comprehensive program that helps facility owners and managers create contingency plans for their cooling systems. A fundamental aspect of the Trane Cooling Contingency Plan is an evaluation of the facility's cooling system to identify potential sources of failure. Trane will work **with** you to create a comprehensive plan for each of these failure scenarios. The goal is to minimize downtime and reduce the risk of financial loss to your facility due to the loss of process and/or comfort chilled water.

Together, you and an experienced Trane representative will

document basic facts about your facility ranging from facility information, such as critical HVAC system information, to details about the components of your current chilled water system. Your Trane representative, along with your staff will analyze possible failure scenarios to identify potential temporary cooling needs. This process establishes the required cooling and specific equipment needed to maintain cooling in critical areas. While the plan is being refined, recommendations may also be made on facility modifications to prepare your system for temporary cooling. This allows faster installation in the event of an emergency. It also lets you manage the expense in a proactive manner.

Finally, with the collaborative effort between your personnel and Trane, a Cooling Contingency Plan is drafted. Once the plan is approved, you will receive information detailing your specific plan and labels to identify the equipment covered. In the future, should temporary cooling be required, plan deployment is just a phone call away.

As an additional service, Trane offers you the option of a cooling contingency drill. Like a fire drill, the drill will allow you to analyze all aspects of your plan and its execution to verify that it meets your expectations. If deficiencies are identified, modifications can be made to assure smooth deployment during an actual emergency.



## *The Trane Difference*

### **Breadth of Solutions**

In addition to creating a Cooling Contingency Plan, the evaluation may lead to other opportunities to improve the operation, reliability or energy efficiency of your mechanical system, which may result in an immediate payback. For instance, if the critical components are aged or have become unreliable, it may be prudent to overhaul or repair them. On the other hand, there may be substantial benefit in upgrading or replacing them with reliable, more energy efficient components. Furthermore, if the loss of cooling would

have a significant cost, such as lost production, it may be justifiable to modify the system to incorporate redundancy. By adding a Trane Cooling Contingency Plan, you can be assured you will have cooling when it is needed.

This accurate, comprehensive analysis of your facility can only be accomplished by a knowledgeable organization with experience in a wide variety of commercial and industrial applications. Making The Trane Company part of your management team gives you access to the industry's leading heating, refrigeration, air conditioning

and facility control system applications experts and a unique breadth of innovative solutions to satisfy your facility's needs today ... and tomorrow.



*Ahead for Your  
Facility Needs*



**TRANE®**

**Worldwide Applied Systems Group**

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March 1999

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*Since The Trane Company has a policy of continuous product improvement, it reserves the right to change design and specifications without notice.*