



**STANDARD CONSTRUCTION OPERATING PROCEDURE**

City of New York Department of Design and Construction  
Division of Infrastructure Bureau of Construction

**SUBJECT: SUMMER HEAT ALERT PROCEDURES - CON EDISON**

**SCOP..... : 04 -006G**

**CATEGORY..... : CONSTRUCTION**  
**Subcategory : CON ED UTILITIES**

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EXCAVATION

**APPROVED:**

*[Signature]*  
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Sheet..... : 1 of 1

Issue Date..... : April 30, 2004

DDC's Summer Heat Alert Procedures For Con Edison Facilities (attached) is to be followed by all jobsite personnel (Contractors, Consultants, and DDC staff) while working around Con Edison's underground utilities, when the New York City Office of Emergency Management-(NYCOEM) declares a heat emergency. Please ensure that all DDC field staff, Consultants and Contractors are provided with the attached procedure and that it is reviewed at all preconstruction meetings.

**SUPERSEDED BY SCOP 05-005G**

Attachment: Summer Heat Alert Procedures for Con Ed

## **Summer Heat Alert Procedures For ConEd Facilities**

April 30, 2004

### **Purpose**

The New York City Office of Emergency Management (OEM), Con Edison (ConEd) and the Department of Design and Construction (DDC) are working together to better inform the contractors (working on DDC projects) of a Summer Heat Alert. The OEM Heat Alert Steering Committee will give notification to ConEd and DDC of a Summer Heat Alert. This notification is given so that all contractors engaged in excavation activity in the City of New York (from May 15 through September 15) protect underground electric facilities to assure public safety and prevent damage to public and private property during a Summer Heat Alert.

A City of New York Heat Alert condition will be issued as determined by OEM and for a duration so deemed necessary when meteorological forecasts predict heat indices of 100 degrees Fahrenheit or higher for more than two (2) consecutive days, and /or a heat advisory or heat warning is issued by the National Weather Services. The OEM will convene and chair the Heat Emergency Steering Committee.

### **Contractor Excavation Practices**

When a Summer Heat Emergency Alert is declared, all contractors are advised to contact the ConEd representative of the contract to ascertain the method of construction for the day's activities. In general the contractors engaged in excavation activity will be informed by ConEd to adhere to one or more of the following:

- Modify their projected schedule to limit excavation activities when/where possible.
- Follow normal excavation procedures in accordance with Industrial Code 53/ Part 753 requirements for non-critical marked electric facilities.

- Cease all construction activity involving excavation within eight (8) feet from the outside edge of the City facility trench to the critical marked electric facilities. Critical facilities shall include but are not limited to:
  - Oil filled facilities including oil return lines
  - Primary feeders
  - Electrical services to critical buildings as determined by OEM

Excavation activity may resume around critical facilities only if the contractor digs by hand and uncovers the critical facilities. Once the location and extent of the facilities is visually confirmed, excavation may resume utilizing powered equipment to within four (4) feet of the edge of the critical facilities.

Other restricted activities in the presence of critical facilities shall include, but are not limited to, backfilling and tamping, installing piping under critical facilities crossings, etc. When these activities are necessitated by schedule or work area restrictions/stipulations, the contractor may proceed with extreme caution.

The ConEd facility operator identifies critical facilities in Section "U" of the DDC contract. If the critical facilities are not identified in Section "U", the contractor is to contact the ConEd representative of the DDC contract to ascertain the critical facilities within the DDC contract limits. Any costs associated with said work will be considered as part of Section "U". If Section "U" is not stipulated in the DDC contract, the cost will be considered a matter of adjustment between ConEd and the contractor.

**CAUTION:** At times, non-critical facilities can become critical facilities due to system demands and failures of back-up systems. ConEd will be obligated to advise the City of New York and the contractors if this situation occurs and when relief may be granted. Upon notification, the contractor will adhere to the guidance provided in section.

In response to a justified "Emergency Excavation" (any abnormal condition which presents an immediate danger to life or property including the discontinuance of a vital utility service necessary for the maintenance of public health, safety and welfare, the contractor shall respond to the emergency exercising extreme caution to prevent damage to existing underground facilities. The contractor shall also notify the New

York City One Call Notification System at 1-800-272-4480 of the emergency excavation in progress as soon as possible.

**Summer Heat Alert Procedures**

To assist in alerting all contractors of the above excavating practices for protection of underground electric facilities to assure public safety and prevent damage to public and private property during a Summer Heat Alert, OEM, DDC and ConEd shall adhere to the following:

- OEM will call the Infrastructure Deputy Commissioner, First Assistant Commissioner or the Assistant Commissioners of Construction at 8:00 pm the night before an anticipated Summer Heat Alert. They in turn will e-mail all Borough Directors, Deputy Borough Directors and Engineers-In-Charge informing them that a Summer Heat Alert is anticipated for the next day. They will also record this information on the DDC Summer Heat Alert Hot Line (718-391-2777).
- The next morning at 9:30 A.M. the OEM Heat Emergency Steering Committee will meet and notify ConEd and DDC whether a Summer Heat Alert is in effect. If an emergency is in effect an e-mail message will be sent to the email address and NEXTELS of all Borough Directors, Deputy Borough Directors and Engineers-In-Charge informing them that a Summer Heat Alert is declared. Also, such message will be recorded on the DDC Summer Heat Alert Hot Line (718-391-2777).
- If a Summer Heat Alert is declared, the Borough Directors, Deputy Borough Directors and Engineers-In-Charge will notify the resident engineer and/or contractor to immediately contact the ConEd representative to ascertain the method of construction to be followed for that day's activities. All direction to changes in methods of construction or modify operations should be given by Con Edison.

If the ConEd representative cannot be contacted, the resident engineer and the contractor are to call the following emergency numbers at ConEd for direction:

All Boroughs Tom Gencarelli      718-904-4580      917-559-9437

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Bronx	Philip Destefano	718-904-5398	917-797-2545
	Michael Badurski	718-904-4613	917-418-2790
Queens	Mike Tosokos	718-275-3898	347-234-0112
	John Stefandl	718-275-2887	347-234-0111
Brooklyn	Louis Delpriore	718-802-5765	917-692-2862
	William Schuchman	718-802-5811	646-520-0828
Staten Island	Joseph Bedell	718-390-6389	646-208-1826
Manhattan	Arthur Corvese	212-894-9368	917-337-5971
	William Shannon	212-894-9363	917-337-5979

- All Engineers-In-Charge and Resident Engineers are to call the DDC Summer Heat Alert Hot Line on days during the summer where based on weather it appears that a Summer Heat Alert may be declared.