

VUMC

PLANNING | DESIGN | CONSTRUCTION

POLICIES AND PROCUDURES

SUBJECT: BLASTING NOTIFICATION POLICY

POLICY #PDC-006

EFFECTIVE DATE: DECEMBER 28, 2006

Revised Date: JUNE 25, 2019

POLICY

Due to the sensitivity of certain areas within VUMC such as surgical operating rooms, special procedure rooms, imaging equipment, etc., all construction blasting performed on or in proximity of the VUMC campus will be carried out according to the procedures set forth in this Blasting Notification Policy.

PROCEDURE

To establish guidelines by which contractors will notify the Vanderbilt University Medical Center (VUMC) Delta Operations Center, prior to the commencement of construction blasting.

I. Specific Information

- A. Whenever it is anticipated by the construction manager/contractor that rock blasting will need to occur, the contractor is required to request a blasting coordination meeting with the Planning | Design | Construction (PDC) Coordinator. The meeting should be held a minimum of two weeks prior to the proposed time of blasting. The purpose of the meeting is to discuss all logistics and notification requirements associated with the blasting event. The meeting attendees should include the construction project superintendent, the blasting contractor's site supervisor, and the PDC Construction Coordinator. The Construction Coordinator will arrange for VUPD, Traffic & Parking, VEH&S, Plant Services Emergency Preparedness Coordinator, and any others that are required.
- B. The contractor should be prepared to discuss the following topics at the blasting coordination meeting:
 1. Site safety & traffic flow,
 2. Site logistics,
 3. Seismograph locations,
 4. Anticipated times and duration of blasting, and
 5. VUMC departmental notification procedures.
- C. The VUMC standard blasting procedure allows the contractor to perform up to four (4) construction blasts per day. The normal times for these blasts will be between the hours of 9:00 a.m. and 3:00 p.m. The

contractor will be responsible for coordinating the time with VUMC D-term telephone system clock display for scheduling of blasting times. The procedure allows a three (3) minute window of opportunity for the blast to occur (i.e., the blast can occur between 9:00 a.m. and 9:03 a.m.). If the contractor cannot perform the blast within the designated three (3) minute window, he must wait until the next scheduled time to make the shot. Any deviations to this schedule must be approved in advance by the S&FP Construction Coordinator.

D. The VUMC standard notification procedure for blasting is performed in two (2) parts:

1. **Pager Notification** Each morning, the contractor will call the VUMC DELTA Operations Center at 615-322-2041 and Vanderbilt's Campus Building Systems and Controls at 615-322-2621 by 7:30 a.m. to inform the operator of the proposed blasting times scheduled for that day. At 8:00 a.m. the DELTA Operator will send a Satellink text message page to notify all persons on the "Blasting Notification List" of the proposed blasting schedule. The list should be prepared by S&FP and Plant Services.

2. **Telephone Notification Overview** The contractor will be required to telephone the following departments to confirm the specific VUMC special procedures departments are notified and ready just prior to each blast. These departments can include but are not limited to the following:

- a) VUH Main OR,
- b) Children's OR,
- c) MCE OR,
- d) Radiation Oncology,
- e) VUH Emergency Department (ED),
- f) Children's ED,
- g) TVC Day Surgery,
- h) Cardiac Cath,
- i) GI Clinic, and
- j) FEL (Free Electron Laser Building) ORs

3. **Telephone Notification Procedure**

- a) At 15 minutes until the blast time, the contractor will contact each department with, "**15 minutes notification of the 9:00 a.m. (or designated time) construction blast.**" At the time of contact, the designated person in each department will be responsible to notify their department of the pending blast.

- b) At 5 minutes until blast time, the contractor will contact each department listed in the above referenced order and ask the department if they are prepared for the blast, (example) **“VUH Main OR, are you ready for the 9:00 a.m. blast?”**
- c) The designated person for that department will then respond accordingly, (example) **“Stephanie in VUH Main OR is ready”**.
- d) After the contractor has verified and received the “ready” statement from each department, he can proceed with the blast at the scheduled time. **The blast will not occur unless all departments have responded to confirm that they are “Ready”**.
- e) After each blast has occurred the contractor will respond to the VUMC Delta Operations Center and the Vanderbilt Building Systems and Control Center to say, **“All clear on the 9:00 a.m. blast”**.
- f) Prior to the start of the blasting process the S&FP Construction Coordinator will develop an updated Department Telephone Contact List to use during the blasting notification period for each project blast site.

II. Cross References

III. Distribution

VUMC Construction Coordinators will distribute notification via email.