

Execution Protocol

Chapter 15, Article 19, of the North Carolina General Statutes prescribes the manner and procedures through which the sentence of death shall be carried out through lethal injection by the State of North Carolina acting through the North Carolina Department of Correction and the Warden of Central Prison. Article 19 vests the Warden of Central Prison with direct responsibility for providing necessary drugs, appliances and qualified personnel to carry out the sentence of death in accordance with law and the Execution Protocol approved by the Governor and Council of State. The following Execution Protocol has therefore been developed by the Warden of Central Prison and approved by the Secretary of the North Carolina Department of Correction.

I. Lethal Injection

Death by lethal injection is caused by the administration of a lethal quantity of an ultrashort-acting barbiturate, such as sodium pentothal, in combination with a chemical paralytic agent, such as pancuronium bromide, and potassium chloride into the veins of a condemned prisoner. The condemned prisoner's level or state of consciousness during the execution process is observed visually and monitored utilizing an appliance, such as a bispectral index (BIS) monitor, from which the electrical activity in the condemned prisoner's brain can be interpreted.

The lethal injection protocol ordinarily involves the successive, simultaneous slow intravenous administration of the three lethal chemicals and non-lethal saline solution into the body of a condemned prisoner through two IV lines by means of a series of five injections. The lethal injection protocol is composed of the following steps:

- a) The first injection is an ultrashort-acting barbiturate, such as a dose of not less than 3000 mg of sodium pentothal, which quickly renders the condemned prisoner unconscious.
- b) The second injection is a dose of not less than 30 mL of a saline solution, which flushes the equipment used for the intravenous administration of the lethal chemicals and saline solution following the administration of the ultrashort-acting barbiturate.
- c) The Warden of Central Prison pauses the administration of the lethal chemicals and saline solution to verify that the output value displayed on the monitoring appliance, such as a value reading on a BIS monitor below 60, confirms a reduced level of electrical activity in the condemned prisoner's brain sufficient to indicate a very high probability of unconsciousness.
- d) If a very high probability of unconsciousness is confirmed, such as a value reading on a BIS monitor below 60, the Warden resumes the

injection of the remaining lethal chemicals and saline solution. However, if a very high probability of unconsciousness is not confirmed, such as a value reading on a BIS monitor of 60 or above, repeated identical injections of the ultrashort-acting barbiturate, such as doses of not less than 3000 mg of sodium pentothal, will be administered until a very high probability of unconsciousness is confirmed, such as a value reading on a BIS monitor below 60, and the injection of the remaining lethal chemicals and saline solution is resumed.

e) The third injection is a chemical paralytic agent, such as a dose of not less than 40 mg of pancuronium bromide, which paralyzes the muscles of the condemned prisoner.

f) The fourth injection is a dose of not less than 160 mEq of potassium chloride, which interrupts nerve impulses to the heart causing the condemned prisoner's heart to stop beating.

g) The fifth injection is a dose of not less than 30 mL of a saline solution, which flushes the equipment used for the intravenous administration of the lethal chemicals and saline solution and completes the lethal injection protocol.

II. Appliances


The Warden will acquire, from reputable manufacturers or suppliers, all appliances, equipment and other supplies as are required to carry out the administration of lethal drugs as described above. Such appliances, equipment and supplies shall include, at a minimum, the syringes, intravenous tubes and related materials ordinarily used by medical personnel to administer intravenous fluids to human patients. The Warden will also acquire and maintain such monitors or other equipment as shall be necessary to review human vital signs and functions, including cardiac activity, electrical activity in the brain, and respiration. The Warden will also be responsible for acquiring such other appliances, equipment, supplies or materials as medical personnel shall recommend for the purpose of ensuring that the sentence of death is carried out without exposing the condemned prisoner to a substantial risk of serious harm, pain or suffering and in accordance with constitutional requirements.

III. Personnel

The Warden shall ensure that the lethal injection procedure is administered by personnel who are qualified to set up and prepare the injections described above, administer the preinjections, insert the IV catheter, and to perform other tasks required for this procedure in accordance with the requirements of Article 19 and this Execution Protocol. Medical doctors, physician assistants, advanced degree nurses, registered nurses, and emergency medical technician-paramedics, who are licensed or certified by

their respective licensing boards and organizations, shall be deemed qualified to participate in the execution procedure. As required by Article 19, a licensed medical doctor shall be present at each execution. The doctor shall monitor the essential body functions of the condemned inmate and shall notify the Warden immediately upon his or her determination that the inmate shows signs of undue pain or suffering. The Warden will then stop the execution. The doctor shall also be responsible for certifying the death of the inmate at such time as he or she determines the procedure has been completed as required by N.C.G.S. §15-192.

It is the intent of this Execution Protocol to carry out the sentence of death as required by the North Carolina General Statutes in accordance with all constitutional requirements as determined by the courts of North Carolina and the United States.


Warden of Central Prison


Secretary
North Carolina Department of Correction