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DEPARTMENT OF THE ARMY  
Little Rock District, Corps of Engineers  
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Little Rock, Arkansas 72203-0867

LRDOM 1145-2-26

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Office Memorandum  
No. 1145-2-26

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10 August 1989

Civil Regulatory Functions  
McCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM  
STANDING OPERATING PROCEDURE NO. 3  
SECURITY AND FIREFIGHTING AT LOCKS AND DAMS

1. Purpose. The purpose of this memorandum is to establish guidelines for security and firefighting at the locks and dams.
2. Applicability. The provisions herein are applicable to all locks and dams on the McClellan-Kerr Arkansas River Navigation System in the Little Rock District.
3. References.
  - a. Section 207.275 of the Code of Federal Regulations, Title 33.
  - b. OCE Supplement 1 to AR 190-13.
  - c. LRD Supplement 1 to AR 190-13.
  - d. EM 385--1-1.
4. Security. The following security measures shall be enforced by lock and dam personnel:
  - a. Doors. Outside doors to the control shelters and fence gates providing access to the lock walls shall be kept locked. The doors to the control houses shall be kept locked except during the day shift on weekdays.
  - b. Lock walls. The public shall not be allowed on the lock walls or in the buildings except in extreme emergencies or during supervised tours. Towboat personnel waiting for a towboat shall wait outside the lock and security areas.

This memorandum supersedes LRDR 1145-2-17, dated 12 October 1972.  
This memorandum supersedes LRDR 1145-2-19, dated 3 December 1970.

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c. Tours. During supervised tours no packages, brief cases, or suitcases shall be allowed on the lock walls or in the buildings unless they have been inspected by lock personnel and found to be safe. No weapons shall be permitted on the lock walls or in the buildings.

d. Telephones. The public, including towboat crews, shall not be allowed to use the lock telephone except during an extreme emergency and unless a public telephone is not installed at the lock.

5. Firefighting.

a. Fire alarm signals. When a fire is observed in the lock area, the danger signal (five or more short, rapid blasts) will be immediately given on the lock horn if it is necessary to alert other lock personnel or vessels in the lock area.

b. Organization. The firefighting organization will be the same as that normally used at the locks; i.e., lockmaster, equipment repairer, and lock operator.

c. Procedures when more than one man is on duty at the lock.

(1) Sound alarm signal if necessary.

(2) Take all steps possible to prevent loss of life and to minimize damage to the lock and dam structure or vessels. Any action taken by lock personnel should not cause undue risk to personal safety. See subparagraph 5.e. for additional information.

(3) Summon outside assistance and off-duty lock personnel if necessary.

(4) Notify the Resident Engineer.

(5) Block road to the lock.

(6) If fire is uncontrollable, evacuate the lock.

d. Procedures when only one man is on duty at the lock.

(1) Take all steps possible to prevent loss of life and to minimize damage to the lock and dam structure or vessels. Any action taken by the lock operator should not cause undue risk to personal safety. See subparagraph 5.e. for additional information.

(2) Notify the lockmaster who will notify necessary off-duty lock personnel and the Resident Engineer.

(3) Summon outside assistance if necessary.

(4) Block road to the lock.

(5) If fire is uncontrollable, evacuate the lock.

e. Fire in lock chamber. If fire breaks out on board a vessel in the lock chamber, the lock operator should request the towboat operator to move the vessel downstream out of the lock chamber while the fire is being brought under control. If the vessel cannot be moved under its own power, lock personnel should flush the tow downstream by opening the downstream miter gate, closing the downstream tainter valves, and opening the upstream tainter valves. If the lockage has reached a point where the above cannot be accomplished, the lock chamber should be filled to protect as much of the miter gates as possible.

f. Drills. All lock and dam personnel shall be trained in the firefighting procedures described in subparagraphs 5.c., 5.d., and 5.e. They should also be trained in the use and limitations of the portable fire extinguishers at the locks and dams (the water hoses at the locks are for washing the walks, etc., and are not intended for firefighting).

g. General.

(1) All fire extinguishers shall be inspected monthly by the lockmaster.

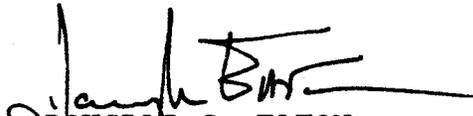
(2) The Resident Engineer shall contact local fire departments to ascertain their willingness to furnish assistance when fires occur at the locks. If the fire departments agree to furnish assistance, a definite written arrangement shall be made and forwarded to the Chief, Construction-Operations Division, for approval. Upon approval, the document should be executed and a copy kept on file at the Resident Office and the lock.

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6. Advertisement of requirements. No advertisement to industry required.

FOR THE DISTRICT ENGINEER:



DOUGLAS C. EATON  
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