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DEPARTMENT OF THE ARMY
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Office Memorandum
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Civil Regulatory Functions
McCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM
STANDING OPERATING PROCEDURE NO. 10
HIGH FLOW ALERT AND NOTIFICATION PROCEDURES

1. Purpose. The purpose of this memorandum is to specify procedures for notifying waterway users of potentially damaging flows on the McClellan-Kerr Arkansas River Navigation System in Arkansas. This memorandum will normally be used prior to a flood alert issued by the Emergency Operations Center (EOC), but it is also applicable if flooding increases. The following procedures are intended to supplement the procedures in LRD Supplement A to ER 500-1-1, which has four phases for flood emergencies: alert, mobilization, flood fighting, and recession.
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. These provisions are considered to be a minimum level of alert and notification and are not intended to replace more detailed procedures that may have been established by the Resident Engineers to address specific conditions or circumstances.
3. Reference. LRD Supplement A to ER 500-1-1.
4. Definitions. The following definitions apply to this memorandum:
 - a. Alert. An alert is a communication within the Corps organization to advise of conditions and to recommend notification if conditions warrant.
 - b. Notification. Process of communicating rapidly rising flow conditions to commercial navigation interests.

This memorandum supersedes LRDOM 1145-2-21, dated 25 May 1984.

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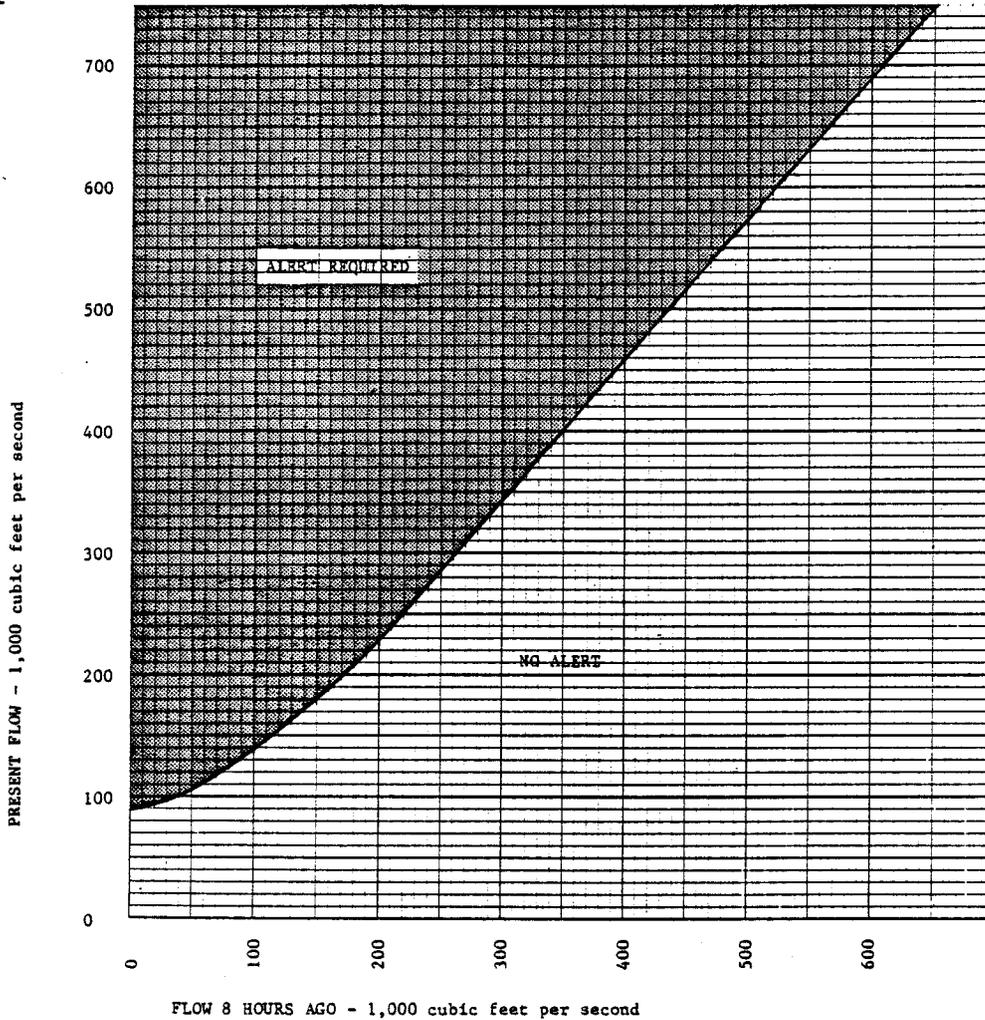
c. Waterway users. Waterway users include operators of boat docks, marinas, ports, terminals, towboats, and fleeting areas located on the waterway, and towing companies, shippers, and other users of the McClellan-Kerr Arkansas River Navigation System that are located off the waterway.

d. Navigation interests. Navigation interests include state and Federal agencies associated with commercial navigation on the McClellan-Kerr Arkansas River Navigation System and waterway users as defined above.

5. Policy. It is the policy of the Little Rock District to provide assistance within its resources to prevent loss of life and to minimize damages that may result from high flows. The District will supplement notices provided by the National Weather Service and other agencies by notifying waterway users of rapidly changing flow conditions.

6. Procedures.

a. When a rise occurs on the Arkansas River that may create flooding or affect the use of the navigation system, lock personnel shall alert the Resident Office personnel. The alert shall be made when the point of intersection of the present flow and the flow 8 hours ago falls in the shaded area on the following graph:



USE OF GRAPH

1. Read present flow on left side of graph and draw line horizontally to right.
2. Determine flow 8 hours ago. Draw vertical line upwards from this flow shown on bottom of graph.
3. Observe where these two lines cross. If lines cross in the shaded portion, initiate alert.

NOTE: The alert and notification procedures may be used more than once during a rise if conditions change substantially.

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c. Resident Office personnel should begin notifying waterway users within their area after receiving the approval of the Resident Engineer. The Resident Engineer may authorize notification within the Resident Office area when conditions are so severe as to warrant immediate notification. The Chief of the Navigation and Maintenance Branch will be notified of all actions initiated. If a supervisor on the alert/notification chart is not available, then the next higher level supervisor should be contacted (i.e., keep going up the chain of command). In the event an "early warning" is issued by Hydraulics Branch, the Chief of Navigation and Maintenance Branch will advise the Resident Engineers and Chief, Navigation Section.

d. The waterway users or general public should be furnished factual information by the Resident Office and Construction-Operations Division personnel. Unless predictions are furnished by Hydraulics Branch, notifying personnel should only state how high the flows are and the rate of rise.

e. The Resident Engineers shall be responsible for maintaining an Emergency Notification Call List of telephone numbers and points of contact of commercial ports, docks, marinas, and fleeting areas within their area of responsibility and designate people to initiate notification procedures. An attempt shall be made to contact all on the list. Memorandums shall be prepared showing names of individuals contacted and those called but not contacted.

f. The Navigation Section shall maintain an Emergency Notification Call List of agencies and navigation interests located off the waterway and shall initiate notification when conditions warrant. Written Navigation Notices shall also be prepared and distributed if conditions warrant.

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

FOR THE DISTRICT ENGINEER:


DOUGLAS C. EATON
LTC, Corps of Engineers
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