

DEPARTMENT OF THE ARMY
NORTH PACIFIC DIVISION, CORPS OF ENGINEERS
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CENPD-ET-W
Memorandum
No. 1110-2-1

15 March 1996

Engineering and Design
RESERVOIR REGULATION INFORMATION

***History.** This printing publishes a revision of this memorandum. Changes to this publication are annotated by asterisks.

***Summary.** This memorandum on procedures to be used in coordinating and disseminating reservoir regulation information is revised to clarify the Directorate responsible and to delete the Reservoir Control Center Weekly Summary Report.

1. PURPOSE. This memorandum defines policies and outlines procedures to be used in the coordination and dissemination of reservoir regulation information.

2. APPLICABILITY. This memorandum applies to Headquarters, North Pacific Division (HQNPD).

3. REFERENCES.

a. Required Publications. NPDOM 10-1-3 (Functional Statements). Cited in para 5.

b. Related Publications.

(1) ER 10-1-3 (Divisions and Districts).

(2) ER 1110-2-240 (Water Control Management).

(3) ER 1110-2-1400 (Reservoir Control Centers).

(4) NPDR 1165-2-2 (Reservoir Regulation Procedure).

4. IMPORTANCE OF COORDINATING RESERVOIR REGULATION ACTIVITIES.

Water resources in the Pacific Northwest are highly developed with a complex system of reservoir

*This memorandum supersedes NPDOM 1110-2-1, 12 March 1986.

15 March 1996

projects under diverse ownership. Of the agencies involved with the Columbia River none has broader responsibilities than the Army Corps of Engineers. The Corps is the leading multiple-purpose water resource agency and the largest single operator of reservoir projects in the Pacific Northwest. The operation of these projects is well integrated in the reservoir system by extensive formal and informal coordination. This coordination is necessary for the successful accomplishment of project and system functions in the public interest. In the Pacific Northwest there are more navigation locks and main stem fish passage facilities at Corps projects than at all non-Corps projects combined. Projects operated by the North Pacific Division generate more power and receive more recreational use than those of any other agency. Corps projects are a primary source for irrigation and low flow augmentation in many areas of the Pacific Northwest. In addition to providing flood control regulation with Corps projects, NPD has the responsibility *for directing flood control regulation of some reservoir projects owned or operated by others. The magnitude and complexity of NPD's reservoir regulation responsibilities makes effective coordination highly important.

*5. POLICY. The Division Commander has final responsibility for reservoir regulation activities in the North Pacific Division and to a large degree these have been centralized in the Water Management Division of the NPD Engineering and Technical Services Directorate. The Operations Team of the NPD Construction-Operations Team supervises the overall operation of the projects and maintenance activities of reservoir projects and appurtenances. In accordance with reference 3a, the Reservoir Control Center (RCC) has been assigned the duties of directing the day-to-day regulation of NPD and certain non-Corps reservoirs, except those delegated to a district, and the overall coordination of current reservoir regulation activities. In order to accomplish these duties it is important that the RCC be kept informed on all matters that might reasonably be expected to affect the current or near-term scheduling and regulation of reservoir projects for which it schedules water releases. Likewise, it is important that RCC disseminate pertinent reservoir regulation information to all supervisory elements and interested parties in NPD, at the projects, and to the RCC's primary points of contact in the district offices in accordance with the procedures outlined in this memorandum.

*6. DAILY BRIEFING. The RCC in conjunction with the National Weather Service Northwest River Forecast Center, shall conduct a briefing on a regular basis, for the purpose of reviewing current river and reservoir conditions, announcing reservoir schedules and discussing alternatives in proposed future regulations. Advice, consultation, or direction on day-to-day reservoir regulation may be accomplished by those in attendance at the briefings, depending upon circumstances. The briefings are also monitored by the Portland District Hydraulics and Hydrology Branch, Seattle District Hydraulics and Hydrology Branch, and Walla Walla District Hydrology Branch for the purpose of informing the districts of current river and reservoir conditions and obtaining advice on proposed regulations. Briefings will be held daily, but they may be less frequent during appropriate seasons of the year. All elements in the NPD office concerned with current reservoir regulation activities are encouraged to have a representative attend the daily briefings if desired.

7. EMERGENCIES. During emergencies that involve reservoir projects, the RCC shall be kept informed of the latest developments. The RCC shall disseminate information as described in the previous paragraph. The RCC and the NPD Emergency Operations Center shall work closely together during all such emergencies.

*8. DAILY LOGS. The RCC shall prepare a daily report entitled "Reservoir Control Center Daily Logs" whenever possible summarizing important telephone discussions and other developments pertaining to current regulation activities. This report shall document activities for future reference and shall include pertinent or unusual instructions to reservoir projects or to BPA with at least a brief statement of the reason for the regulation. This daily report shall be posted to a Bulletin Board in cc:mail called #RCC Daily Logs.

9. PUBLIC RELATIONS AND PRESS RELEASES. All NPD elements, including but not limited to the NPD RCC, are requested to work with the NPD and District Public Affairs Offices in initiating and developing newsworthy items to help keep the public informed in regard to the accomplishments of Corps of Engineers reservoir projects and reservoir regulation activities in general. Newsworthy information, reservoir information provided to a District Public Affairs office should be coordinated with the District Hydraulics and Hydrology Branch or the Hydrology Branch in the case of NPW. Press releases indicating forecasts of future river conditions (not including storage reservoirs) will be coordinated in advance with the National Weather Service Northwest River Forecast Center.

FOR THE COMMANDER:



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