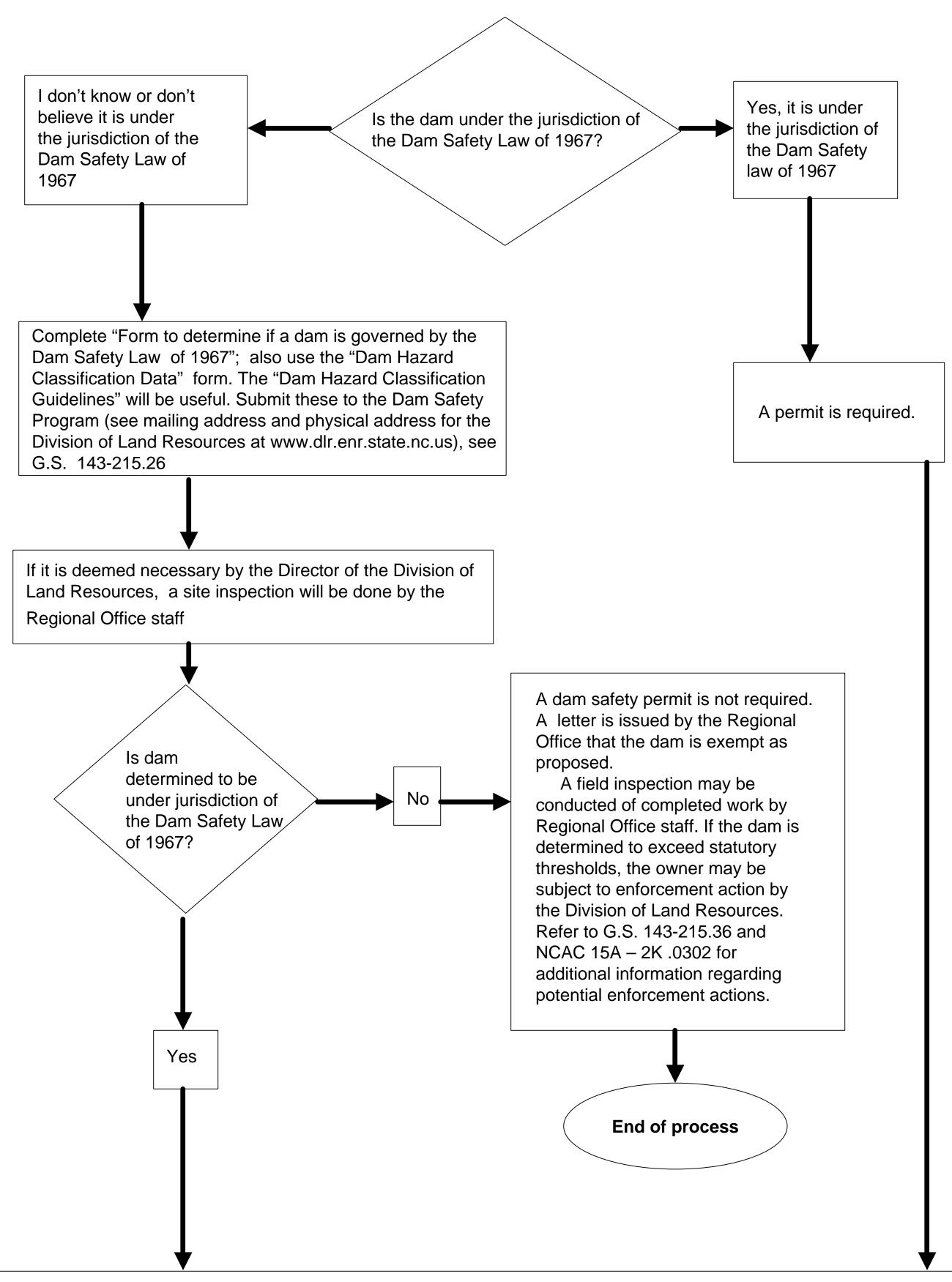
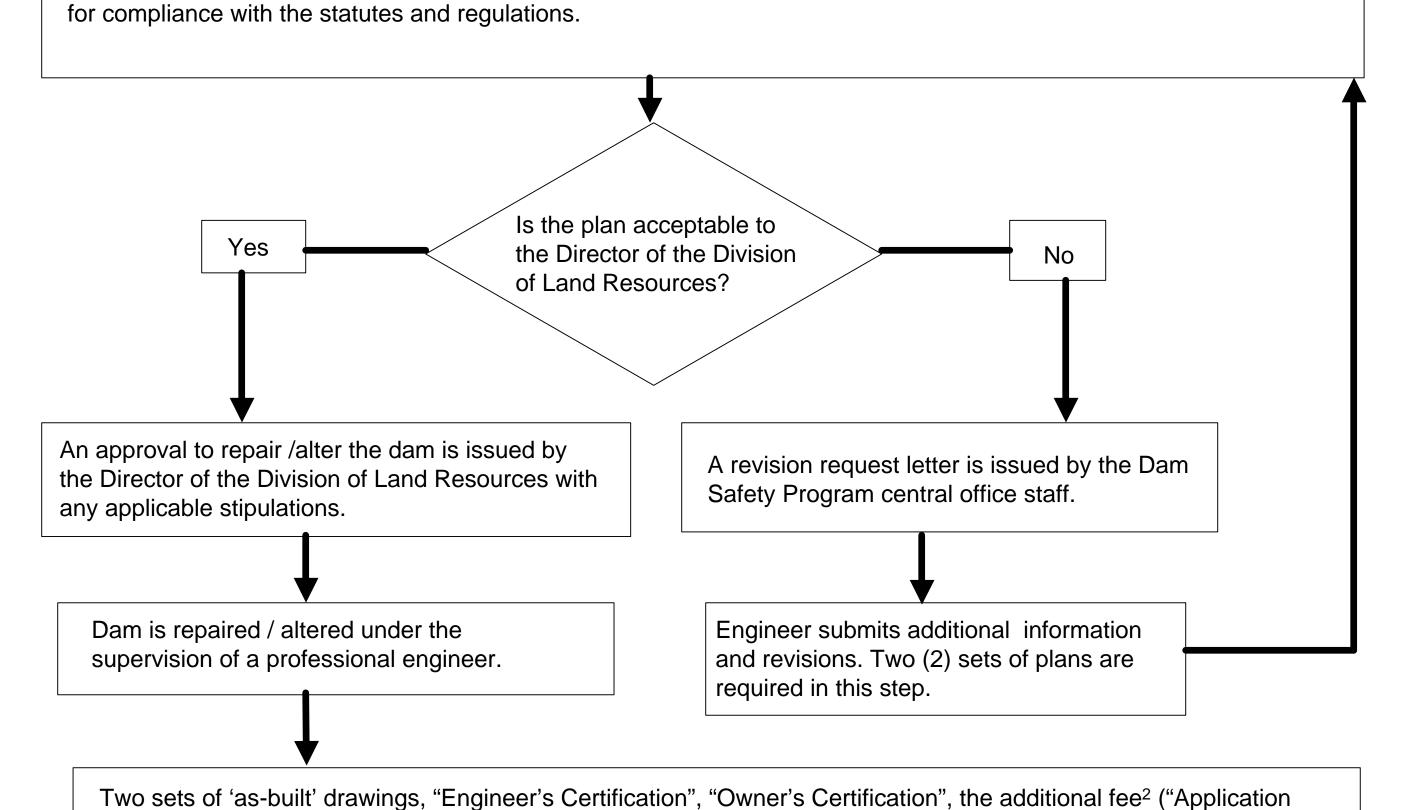
Procedure to repair / alter a dam^{1,2}



Plans, specifications, design data, and calculations must be prepared by a professional engineer and submitted for review (G.S. 143-215.28). A preliminary report prior to filing the final design report, early in the site investigation and design schedule, is encouraged to assure the State's concurrence with the hazard classification, site investigation, and design concept (NCAC 15A, 2K, .0200c). Also refer to G.S. 143-215.28.

Two (2) copies of the plans must be submitted and two (2) copies of all other documents, including the checklist, "Application Checklist for Permit to Construct a Dam". Submit these along with a check for \$200.00 for the initial processing fee².

The engineer must propose a "Hazard Classification". The plan is reviewed by the Dam Safety Program staff

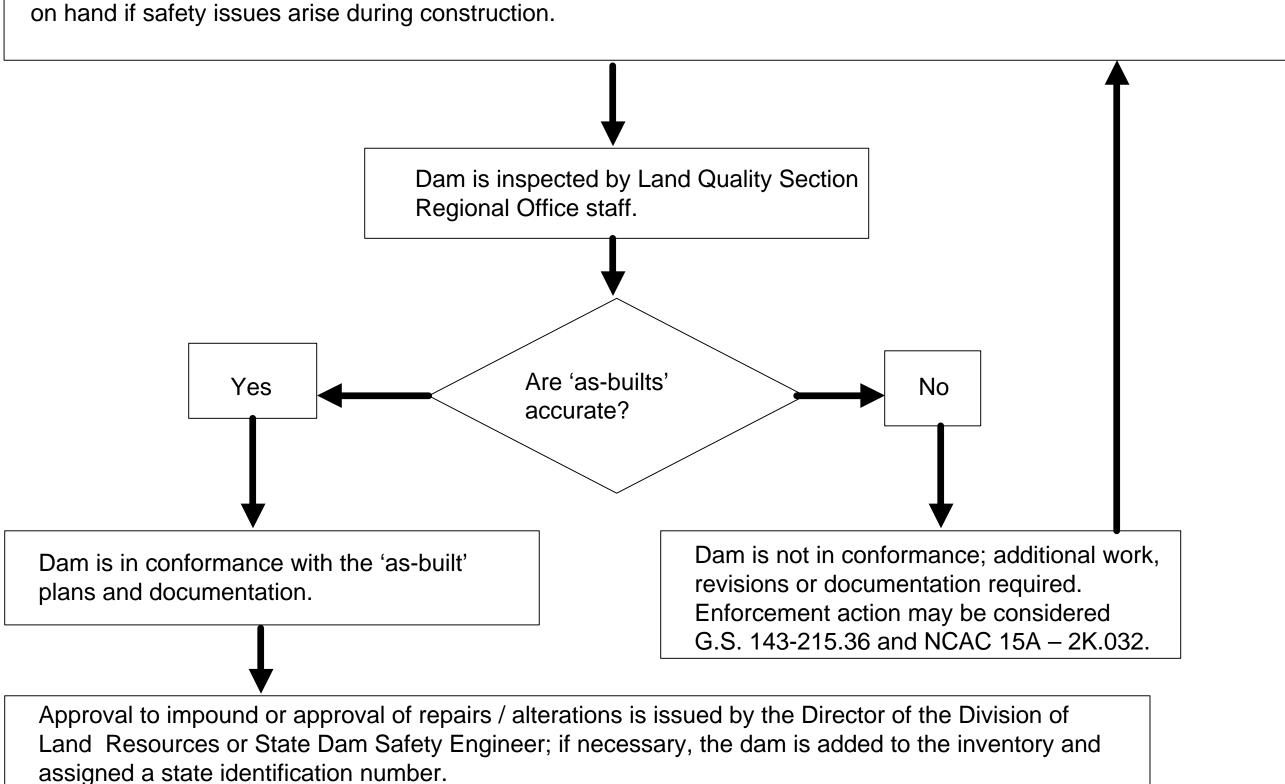


processing fees for construction, enlargement and removal of a dam") and "Operation and Maintenance Plan" are submitted (see *Dam Operation and Maintenance Manual*).

If the dam is classified as a high hazard dam, an Emergency Action Plan [EAP] must also be submitted.

See 'forms' page of Division of Land Resources Internet site for FEMA 64, and EAPs for small earthen dams, and small concrete dams.

We recommend the Emergency Action Plan (EAP) be submitted as early in the process as possible to be



¹ For a glossary of terms see the *Dam Operation and Maintenance Manual* and navigate to its glossary.

² It is the policy of the Land Quality Section that no application processing fee is required on repairs / alterations that do not increase the dam's height or the impoundment's normal pool

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elevation.