

Evaluating No-Rise Certifications

Local floodplain administrators are responsible for the enforcement of local floodplain ordinances. This includes reviewing and commenting on documentation provided to them in support of Floodplain Development Permits. Where proposed development and/or construction encroaches on an effective Floodway within a Special Flood Hazard Area, a No-Rise Certification is required [44 CFR 60.3(d)(3)].

Use the checklists below to review and evaluate No-Rise Certification Applications and supporting technical documentation.

No-Rise Certification - Completeness Checklist				
Submission Item / Requirement	Included	Not Included	Not Applicable	Notes
No-Rise Certification form or letter				
No-Rise Certification form or letter, stamped by registered professional engineer				
Engineering Models				
Effective Model				
Duplicate Effective Model (if necessary)				
Corrected Effective Model (if necessary)				
Existing Conditions Model (may be the Effective, Duplicate, or Corrected Model)				
Proposed Conditions Model				
Technical Supporting Documentation				
Project Narrative				
Topographic Work Map (including effective floodplain)				
Cross Section or Evaluation Line Plots				
Property Survey (or scaled plot, if current and accurate)				
Preliminary or Recorded Plat (if building corridor or conveyancy easement is required)				
Design Plans				

Comments:



No-Rise Certification - Accuracy Checklist

Submission Item / Requirement	Acceptable	Not Acceptable	Not Applicable	Notes
No-Rise Certification form or letter includes:				
Registered professional engineer's signature and seal				
Proposed project name, flooding source, community, and effective FIS date				
Language certifying no increase in base flood and floodway elevations on published and unpublished cross sections or evaluation lines				
Project Narrative Includes:				
Details of proposed development				
Detailed description of hydrologic and hydraulic analysis methodology				
Any special conditions of the No-Rise, such as conveyance easements or specific landscaping allowances/restrictions				
Engineering Models Review				
Effective Model				
Model was obtained from FEMA in original modeling format (if available)				
Duplicate Model				
Upgraded to currently FEMA approved software package - Model was not down-graded to earlier version of software				
Results of Duplicate Model do not vary from Effective Model more than 0.5 feet - Justification for >0.5' provided				
Corrected Effective Model				
No man-made changes in floodplain after effective date are included				
All technical changes are documented and justified in narrative - includes hydrologic and hydraulic changes				
Existing Conditions Model				
All man-made changes within the floodplain after the effective model date are incorporated and documented in the narrative				
Includes additional cross sections in proposed development area - not interpolated or duplicated - developed from survey or FEMA accepted topography				
Proposed Conditions Model				
Same cross section locations as Existing Conditions model				
No variations in data from Existing Conditions model outside of proposed area				
Incorporates all features of proposed development, such as development geometry, grading, and land cover changes				



No-Rise Certification - Accuracy Checklist (cont.)

Submission Item / Requirement	Acceptable	Not Acceptable	Not Applicable	Notes
Results Comparison				
Base Flood Elevation Comparison Table is included and contains:				
Hydraulic Cross Section Information (i.e., stationing, location of study limits, hydraulic structures)				
Base Flood Elevations from each model version				
Comparisons of Base Flood Elevations between model versions				
No-Rise Determination				
Comparison of Proposed to Existing Conditions results in no increases greater than 0.00 feet on any of the cross sections				

Comments:

