

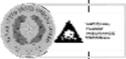


REASONABLY SAFE FROM FLOODING



"REASONABLY SAFE FROM FLOODING"

- Requirement originated in 1973 with the original NFIP Regulations - 60.3(a)(3) establishing minimum requirements for communities that have not received a Flood Hazard Boundary Map
- Required to be part of the community's flood damage prevention ordinance or court order



"REASONABLY SAFE FROM FLOODING"

- NFIP Regulations:
 - 60.3 (a) No Map
 - 60.3 (b) FHBM
 - 60.3 (c) FIRM with BFE's (No Floodway)
 - 60.3 (d) FIRM with Floodway
 - 60.3 (e) FIRM with coastal V Zones

 	<h2>PROBLEMS</h2>
	<ul style="list-style-type: none"> ● LOMR-F decisions were often based on timing rather than risk ● Building sites were removed from the SFHA under 65.5(a)(3) and became out of reach of local provisions ● Local officials were not adequately engaged in LOMR-F decisions

 	<h2>DEFINITION</h2>
	<ul style="list-style-type: none"> ● 44 CFR 65.2(c) added to NFIP Regulations ● "Reasonably safe from flooding" – base flood waters will not inundate the land or damage structures to be removed from the SFHA and that any subsurface waters related to the base flood will not damage existing or proposed buildings

 	<h2>TECHNICAL BULLETIN 10</h2>
	<ul style="list-style-type: none"> ● FEMA published TB-10 to provide technical guidance for communities to deal with development that occurs after a LOMR-F is issued ● Structures constructed on land areas removed from the SFHA by fill may still be subject to subsurface flooding ● TB-10 addresses structures constructed in fill areas that have been removed from the SFHA with basements or lower floors below the BFE

	<h3 style="text-align: center;">CERTIFICATION OF "REASONABLY SAFE FROM FLOODING"</h3>
	<ul style="list-style-type: none"> ● The community official must certify on MT-1 Form 3 (LOMR-F and CLOMR-F) Community Acknowledgement Form ● Certification must be signed by the community official responsible for floodplain management

	<h3 style="text-align: center;">COMMUNITY CERTIFICATION</h3>
	<p>"The proposed project is designed to meet all of the community floodplain management requirements, including the requirement that no fill will be placed in the regulatory floodway and that all necessary Federal, State, and local permits have been, or in the case of a CLOMR-F, will be obtained. In addition, we have determined that the land and any existing or proposed structures to be removed from the SFHA will be 'reasonably safe from flooding' as defined in 44 CFR 65.2(c)."</p>

	<h3 style="text-align: center;">WHAT OTHER COMMUNITIES REQUIRE</h3>
	<ul style="list-style-type: none"> ● Developer Engineer (PE) Certification - "Reasonably Safe from Flooding" ● Required prior to community executing MT-1 Form 3 (LOMR-F and CLOMR-F)

 	<h3 style="text-align: center;">CERTIFICATION OF "REASONABLY SAFE FROM FLOODING"</h3>
	<ul style="list-style-type: none"> ● However: <p style="margin-left: 40px;">It is ultimately the <i>participating community's responsibility</i> to assure that areas being removed from the SFHA are 'reasonably safe from flooding'.</p> <p style="margin-left: 40px;">(44 CFR Part 65: Final Rule posted in the Federal Register, Vol 66, No 87 – May 4, 2001)</p>

 	<h3 style="text-align: center;">COMPACTION REQUIREMENTS</h3>
	<ul style="list-style-type: none"> ● Compaction Requirements were <u>removed</u> from the NFIP Regulation – 65.5 and <u>removed</u> from LOMR-F submittals ● However: <p style="margin-left: 40px;">Some communities require a geologist or geotechnical engineer to certify soil compaction for structures on fill.</p>

 	<h3 style="text-align: center;">WHEN IN DOUBT . . .</h3>
	<ul style="list-style-type: none"> ◎ Put requirements in your Flood Damage Prevention Ordinance or Court Order!



REFERENCES

- Reasonably Safe From Flooding is referenced in Technical Bulletin 10 and copies can be downloaded or ordered from www.fema.gov
- MT-1 Map Amendments and Revisions can be downloaded or ordered from FEMA
- www.fema.gov



QUIZ

- 1. What does LOMR-F stand for?
- 2. What does CLOMR-F stand for?
- 3. Does the community assume liability when it certifies "Reasonably Safe From Flooding"?
- 4. Does TB-10 have the same requirements as 44 CFR NFIP Regulations?
- 5. Does the community have requirements for development outside the SFHA?
- 6. Where can you find reference materials?



QUIZ SOLUTIONS

- 1. What does LOMR-F stand for?
Letter of Map Revision based on Fill
- 2. What does CLOMR-F stand for?
Conditional LOMR-F
- 3. Does the community assume liability when it certifies "Reasonably Safe From Flooding"?
Yes
- 4. Does TB-10 have the same requirements as 44 CFR NFIP Regulations?
No
- 5. Does the community have requirements for development outside the SFHA?
No (minimal NFIP Regulations)
- 6. Where can you find reference materials?
www.fema.gov
