Owner / Applicant Information

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Project Information

Prometheus
1459 E Harvest Church Rd

BLOOMFIELD FL 47424

County GREENE

Project Type New [ ] Addition [ ] Alteration [ ] Existing [ ] Change of Occupancy [ ]

Project Status [F] F=Filed U or Null=Unfiled

IDHS Issued Correction order? [No] Has Violation been Issued? [No]

Violation Issued by: NA

Local Building Official
Phone: 3172322222 Email: mprost@dhs.in.gov

Local Fire Official
Phone: 3172322222 Email: LB103BFD@YAHOO.COM

Variance Details

Code Name: Other Code (Not in the list provided)

2023 NFPA 495, Chap. 9, 9.4.1b

Conditions: While not a typical stand-alone barricade, we are requesting that the earth cover of the protective earth mound/revetment over and around the proposed Earth-Covered Magazine (ECM) be recognized as an artificial barricade for explosives quantity-distance siting purposes where the earth cover satisfies the applicable barricade geometry, thickness, continuity, stability, and screening requirements of the governing codes and the approved project design. This determination would allow the protective earth cover of the ECM to serve its intended protective function without requiring a separate, redundant artificial barricade immediately adjacent to the ECM, which would cause undue hardship for siting and operating the proposed plant due to physical limitations and required setbacks from property lines and operating buildings.

We request that deference is provided to the DoD regulations in governing the magazine separation distances between ECMs based on 1)testing conducted by DoD and 2) the exclusion of commercial codes to apply to specific explosive articles aligned with DoD-contracted munitions. The latter item here refers to IFC Table 5604.5.2(1) Footnote (a) that states ¿This table applies only to the manufacture and permanent storage of commercial explosive materials. It is not applicable to transportation of explosives or any handling or temporary storage necessary or incident thereto. It is not intended to apply to bombs, projectiles or other heavily encased explosives.¿ The mission of this site is to manufacture and assemble rocket motors, warheads and similar heavily encased explosives and if this table does not apply to these items, we propose that DoD-generated guidance be used based on their empirical testing with heavy, metal-encased explosive munitions (worst-case). Note this table matches the NFPA Table 9.4.1(b), and the ATF table for high explosives that is categorically exempt for distribution, storage or possession by US military or US agencies

DEMONSTRATION THAT PUBLIC HEALTH, SAFETY, AND WELFARE ARE PROTECTED:

1=Non-compliance with the rule will not be adverse to the public health, safety or w

[2]

2= Applicant will undertake alternative actions in lieu of compliance with the rule to ensure that granting of the variance will not be adverse to public health, safety, or welfare. Explain why alternative actions would be adequate (be specific).

Facts:

DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE:

[Y] Imposition of the rule would result in an undue hardship (unusual difficulty) because of physical limitations of the construction site or its utility services.

[Y] Imposition of the rule would result in an undue hardship (unusual difficulty) because of major operational problems in the use of the building or structure.

[ ] Imposition of the rule would result in an undue hardship (unusual difficulty) because of excessive costs of additional or altered construction elements.

[ ] Imposition of the rule would prevent the preservation of an architecturally or a historically significant part of the building or structure

Facts: