

# DOCKET 09-AFC-5

## Emergency Response Matrix

DATE JUN 24 2010

RECD. JUN 24 2010

### A. Response Criteria

#### 1. Inspections

- a. minimal need
- b. average need
- c. significant need

0.10

1

3

5

Net -->

0.3

0.3

0.3

#### 2. Fire

0.50

##### A. Quantity liquid fuel or hydrogen gas stored on-site

0.20

- a. <1,000 gal or <1000 lbs hydrogen gas
- b. >1000 and <100,000 gal or <10,000 lbs hydrogen gas
- c. >100,000 gal or >10,000 lbs hydrogen gas

1

2

5

Net -->

5

5

5

1.00

1.00

1.00

##### B. Fire/Explosion off-site consequences

0.30

- a. Limited to site
- b. Potential for smoke and/or fire and/or minor blast effects off-site
- c. Potential for major fire/blast structure damage and/or injuries/fatalities off-site and/or major hwy disruption/closure

1

2

5

Net -->

1

5

5

1.50

0.30

1.50

#### 3. HazMat

0.10

##### A. Proximity to sensitive receptors

0.05

- a. no sig quant of hazmats or no potential for off-site impacts within 1/2 mile
- b. <5 receptors within 1/2 mile
- c. 5-10 receptors within 1/2 mile
- d. >10 within 1/2 mile
- e. impacts major highway/interstate

1

2

3

4

5

Net -->

1

2

5

0.25

0.05

0.10

##### B. Hazmat response time

0.05

- a. <30 minutes
- b. 30 - 60 minutes
- c. >60 minutes

1

3

5

Net -->

3

3

3

0.15

0.15

0.15

#### 4. Rescue

0.15

- a. <30 minutes
- b. 30 - 60 minutes
- c. >60 minutes

1

3

5

Net -->

1

1

1

0.15

0.15

0.15

#### 5. EMS

##### EMS response time

0.15

- a. in-house EMT or <5 minutes response time
- b. 5 - 10 minute response time
- c. >10 and <15 minute response time
- d. >15 and <30 minute response time
- e. >30 minute response time

1

2

3

4

5

Net -->

4

3

3

0.60

0.45

0.45

Sum weighting factors

1.00

### TOTAL SCORE

=====>

3.95

2.4

3.65

LOW Priority: additional resources and mitigation may be needed.

0.1 - 1.5

MEDIUM Priority: additional resources and mitigation needed.

1.5 - 2.5

HIGH Priority: very significant need for additional resources and mitigation.

2.5 - 3.5

VERY HIGH Priority: urgent need for additional resources and mitigation.

>3.5