

UTC IMP verification Form

Inspector / Date: Al Jones / November 19, 2014

Inspection Dates: Records Review - Sept 14-19, 2014 / Field Insp Oct 28-29, 2014

Operator Inspected: BP Cherry Point

OPID: 31189 **Region:** Western

Unit Inspected: **Unit ID:** BP Cherry Point Refinery

Unit Type: Hazardous Liquid

Unit Address: 4519 Grandview Road, Blaine, WA 98231

Record Location: 150 W. Warrenville Road; Naperville, IL 60563

High Consequence Areas

High Consequence areas in District

| Id | High Consequence area | Location | Reason | Mileage | HCA Verified |
|----|-----------------------|----------|--------|---------|--------------|
| | Drinking water | Ferndale | | 1.38 | |
| | Other | Ferndale | | 0.6 | |
| | | | | | |

New HCA's

| High Consequence Area | Location | Reason | Mileage | Assessment Date |
|-----------------------|----------|--------|---------|-----------------|
| | NONE | | | |
| | | | | |
| | | | | |

Assessments

ILI

| HCA ID | Tool(s), or assessment method(s) | Assessment review results | Prior Assessment date | Assessment date | Next Assessment date |
|--------|----------------------------------|---|-----------------------|-----------------|----------------------|
| | MFL | One Immediate and (3) 60-day anomalies. | 2009 | August 2014 | 2019 |
| | | | | | |
| | | | | | |

| | |
|--|-----|
| Do assessments address unit threats? | Yes |
| Earth Movement threat addressed if applicable? | NA |

| HCA ID | Immediate repairs | One year condition (gas) 180 Day condition(liquid) | Monitored Condition (gas) Other condition (liquid) |
|--------|---------------------|---|---|
| #001 | Clock Spring Repair | | |
| | | | |
| | | | |

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|--|--|
| Were anomalies evaluated in timely manner? | Yes, one immediate and (3) 60-day anomalies. |
| Were repairs appropriate? | Yes. See field observation report - PIM |

Repair Summary

| HCA ID | Cutouts | Leak clamp | clocksprings | sleeves | grinding | None | other |
|--------|---------|------------|--------------|---------|----------|------|-------|
| #001 | | | YES | | | | |
| #002 | | | | | | Yes | |
| #003 | | | Yes | | | | |
| #004 | | | | | | Yes | |
| | | | | | | | |

Defect Type

| HCA ID | Third Party damage | corrosion | Outside force | Manufacturing defects | Construction defects | SCC | Other |
|--------|--------------------|-----------|---------------|-----------------------|----------------------|-----|-------|
| #001 | | Yes | | | | | |
| #002 | | | | | Yes | | |
| #003 | | Yes | | | | | |
| #004 | | Yes | | | | | |
| | | | | | | | |

| | |
|----------------------------------|-------------------------|
| Amount of low frequency ERW pipe | 100% |
| How is ERW pipe assessed | High frequency MFL tool |
| When was ERW pipe assessed | August 2014 |