LONG TERM MONITORING PLAN

UNIT 1/2
UNIT 2 NORTH
UNIT 3 NORTH
UNIT 3 SOUTH
SOUTHERN CLEAN ZONE
NORTHERN CLEAN ZONE
UNIT 1
UNIT 2
UNIT 3
EASTERN IP1-CS FLOW PATH
SOUTH WESTERN IP1-CS FLOW PATH
LEGACY IP1 STORM DRAIN FLOW PATH
Turbine Generator Building 1
Turbine Generator Building 2
Turbine Generator Building 3
DISCHARGE CANAL
HUDSON RIVER
Plant North

LEGEND

Current and Potential Source Areas

- Unit 1 Sr Potential Source
- Unit 2 and Unit 3 H3 Potential Source

Probable Legacy Release Locations

- Terminated Connection To Storm Drain
- Footing Drain Exfiltration
- Inter-Structure Joint / Mud Mat
- Containment Spray Sump Pipe Trench
- Unit 1 West Fuel Pool
- Unit 2 Fuel Pool

MW-30 — Boring / Monitoring Installation Designation
◆ — Longterm Boring / Monitoring Installation
⊕ — Inactive Boring / Monitoring Installation

Groundwater Elevation Contours

- 33 — Ambient "Watertable" Contours 6/1/2007 (10' Interval)
- 3 — Contours Other Than 10' Interval
- Streamtubes

Activity Data

Isopleth

Bounding Activity H3[1]: > 5,000 pCi/L

Bounding Activity SR90[1]: > 2 pCi/L

Data Notes:

1. H3 bounding isopleths / data represent upper bound values measured over both depth and time (available results for sample dates through 6/26/2007). As such, the "plume" is an overestimate of contaminant levels actually existing on-site at any time.

Data Notes:

1. SR90 bounding isopleths / data represent upper bound values measured over both depth and time (available results for sample dates through 6/26/2007). As such, the "plume" is an overestimate of contaminant levels actually existing on-site at any time.
2. Three discrete isopleths have been drawn around MW-03, 41, and 43 given measured concentrations greater than 2 pCi/L. It is expected that lower concentrations exist at other locations along the legacy pipe shown in addition to the locations shown.

General Notes:

1. Base map was developed from an unofficial electronic file provided by Bailey & Watson Surveying and Engineering, P.C., Dated 2/3/98; CAD file name: "GZA.dwg".
2. Additional Long Term Monitoring Plan information is provided in the Hydrogeologic Site Investigation Report, GZA GeoEnvironmental, Inc. January 7, 2008

LAFARGE WELLS

LAF-03, LAF-02, LAF-01

HUDSON RIVER

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LONG TERM
MONITORING PLAN

Prep. MM: MJS Designed By: MJS Reviewed By: MJS Domain: GAS	Dwg. Date: 1-23-2008 Job No.: 41.0017869.10	Figure No.: LTMP-1