

## **PMTurkeyCOLNPEm Resource**

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**From:** Orthen, Richard [Richard.Orthen@fpl.com]  
**Sent:** Thursday, May 27, 2010 4:13 PM  
**To:** Terry, Tomeka  
**Cc:** Kugler, Andrew  
**Subject:** PTN 6 & 7 - Info Need G-4 Clarification

Tomeka,

During our call with you and Andy last Thursday, we asked for clarification about info need G-4 (below). Do you know if that has occurred? We are struggling with what exactly to bring to the audit to best respond to G-4.

Thanks.

Rick

Provide access to all Geographic Information System (GIS) and/or CAD data/databases used to support the Environmental Report analysis and results including existing and proposed conditions as appropriate. The data should generally include, but is not limited to:

- a) All existing and proposed site infrastructure (roads, buildings, pipelines, transmission lines, utility right-of-ways/transmission corridors, power blocks, switchyards, pipeline corridors, cooling and retention ponds, dams, canals, monitoring/instrument stations, etc.)
- b) Location data (official property boundary, official unit point location, exclusion area boundary, and other relevant boundaries on-site or regionally)
- c) All surface and groundwater hydrologic data (watershed/subbasin boundaries, stream/river channels, springs, sinkholes, flood boundaries, reservoir boundary, site stormwater drainage, levees, hydrogeologic study boundaries, aquifers, potentiometric contours, well locations, surface water monitoring sites, etc.)
- d) All terrestrial and aquatic ecological data (wetlands, ponds, terrestrial and aquatic sampling sites, wildlife/habitat areas, land use/land cover, threatened and endangered species locations,
- e) Terrain and bathymetric data (LIDAR, contours, river cross-sections, bathymetric point samples, etc.)
- f) Socioeconomic data (sector data at various radii, census blocks w/ attribute data including low income and minority data, state./county park recreational area boundaries, trails, water trails, wildlife management units, traffic count data, commuter routes, etc.)
- g) Geology and soils data (site and vicinity data, faults, folds, seismic activity, etc.)
- h) Alternative (candidate) site data (point locations, proposed site boundary, proposed infrastructure, etc.)

Have available for review metadata supporting this (GIS) data, such as purpose, access and use constraints, source, scale, capture date, contact information, processing steps, spatial reference, and data attribute definitions.

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**From:** Orthen, Richard

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**Recipients:**  
"Kugler, Andrew" <Andrew.Kugler@nrc.gov>  
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