BellBendCOLPEm Resource

From: Imboden, Stacey
Sent: Tuesday, March 17, 2009 1:34 PM
To: Sgarro, Rocco R
Cc: BellBendCOL Resource; Kuntzleman, Nancy; Canova, Michael
Subject: BBNPP env. site audit- tours
Attachments: Bell_Bend_tours_requested.doc

Rocky,
As discussed, here is the list of items we'd like to see on the site specific tours at Bell Bend. I think most of the tours are already allocated times on the site audit schedule, but I'll be sending an updated version next week after feedback from the team.
The information needs table should be finalized later today or tomorrow.

Thanks, Stacey

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Bell Bend tours requested

General Site Tour - windshield tour of the following:

- The proposed Bell Bend project area, and locations of major project facilities including reactor building, plant stack, cooling towers, cooling water system intake and discharge points.
- Proposed interfaces between Bell Bend infrastructure and existing infrastructure.

Ecology/hydrology/Non-radiological human health tour (combining aquatic and terrestrial ecology and hydrology):

- The transmission corridor, specifically any wetland areas, important habitats, or bodies of water that will be crossed.
- Location of Walker Run and tributaries, specifically portions of Walker Run that will be relocated.
- Location of important habitats described in the ER that will be impacted (namely wetlands, but also including any portion of the Susquehanna Riverlands Environmental Preserve, and portions of the Important Bird Area #50, that will potentially be affected).
- Location of any offsite land clearing activities (such as offsite borrow pits for fill material)
- Boat trip and walking tour to see the intake/discharge areas of Susquehanna and proposed Bell Bend.
- Location of the PA canal areas that will be modified.
- Location of Salem Creek, if it will be affected.
- Location of other “Unnamed” tributaries and ponds shown on Figure 2.3-3 and Figure 2.4-3 of the ER. Three of the unnamed tributaries have the same names but are used for different streams in the hydrology and ecology sections.
- Location of the wells shown in Fig 2.3-73 of ER that are east of Walker Run, and north or west of Susquehanna river that may be down gradient of site of potential groundwater contaminant releases.
- Location of the main wells of Pennsylvania American Water Company in Berwick

Air/Accidents tour:

- Susquehanna met tower used in the ER
- Location of the future met tower for Bell Bend
- Location of the additional met tower not used in the ER.

Radiological Human Health tour:

- Proposed locations of the BBNPP gas and liquid effluent discharge points, ISFSI, fuel building, nuclear auxiliary building, and the radioactive waste processing facility.
- Offsite receptor locations for dose assessment (e.g. nearest residence, nearest farm or garden >50 sq meters, nearest milk cow/goat, nearest meat animal, maximum impacted shoreline/recreation area, major fish catch locations, nearest municipal water intake(s), environmental sample control locations).

- Location for biota used as basis for calculating dose to biota from the BBNPP effluents.
- Locations of the existing SSES facilities including gas and liquid effluent release points, ISFSI, low level radioactive waste handling facility, condensate storage tanks, Sealand containers, steam dryer storage vault and turbine building relative to the proposed BBNPP site.
- Existing SSES TLD locations in the vicinity of the proposed BBNPP site

Land Use tour:

- Location of route of transmission inter-tie

Cultural Resources tour:

- Archaeological sites and historic architectural resources identified that may be adversely impacted by the proposed project. This includes seven archaeological sites (36Lu279, 36Lu 280, 36Lu281, 36Lu283, 36Lu285 and 36Lu288), and 10 historic structures (GAI-03, GAI-04, GAI-06, GAI-09, GAI-10, GAI-11, GAI-12, GAI-26, GAI-27, GAI-45). Additional properties may be identified through consultation with the SHPO.

No additional tours requested (beyond the general site tour) for Socioeconomics, Accidents, Alternatives or Transportation.