

In the Matter of:

DETROIT EDISON COMPANY
(Fermi Nuclear Power Plant, Unit 3)

ASLBP #: 09-880-05-COL-BD01

Docket #: 05200033

Exhibit #: NRCE003-00-BD01

Admitted: 10/30/2013

Rejected:

Other:

Identified: 10/30/2013

Withdrawn:

Stricken:

1. Name & title:

Mr. David A. Weeks
Chief Environmental Scientist

2. Name of firm with which associated:

Ecology and Environment, Inc. (E & E)

3. Years of Experience:

33

4. Certifications/Accreditations:

Certified Crop Advisor

5. Education: Degree/Year/Specialization:

M.S., University of Massachusetts at Amherst, 1980

B.S., Resources Management, cum laude, State University of New York College of Environmental Science and Forestry, 1975

6. Experience and qualifications relative to the proposed work:

A specialist in resource management and the evaluation of impacts on ecological resources, Mr. Weeks assesses the biological and physical effects of various construction projects and land management practices. He has worked with federal, state, and local agencies in the preparation of environmental assessments (EAs) and environmental impact statements (EISs) for energy, pipeline, irrigation, watershed protection, and other soil and water conservation projects; and performed wetland delineations in support of United States Army Corps of Engineers (USACE) Section 404 permits. He also prepares the terrestrial and soil sections of EAs, EISs, and environmental reports (ERs) for natural gas pipelines and other projects; recommends soil erosion control/restoration measures; develops and implements soil-testing programs; and evaluates project-related impacts on agricultural lands.

Specialized Experience in Terrestrial Ecology and Environmental Reviews

For the Nuclear Regulatory Commission (NRC), under contract to Energy Research, Inc. (ERI), Mr. Weeks is the terrestrial ecology subject matter expert for the EIS for Detroit Edison's combined license (COL) application for proposed construction of the Fermi 3 nuclear power plant. He participated in the site audit, prepared terrestrial ecology sections of the EIS; evaluated the potential impacts on several species of plants and animals in and near the project area that are designated as threatened and endangered species by the State of Michigan and/or United States Fish and Wildlife Service (USFWS); and prepared biological assessments for six terrestrial species listed by the USFWS as threatened or endangered.

For Naval Facilities Engineering Command (NAVFAC), Mr. Weeks prepared the forest resource, existing conditions, and environmental consequences sections of the Navy's EIS addressing a 35,000-acre expansion of an existing bombing range. The project would substantially change forest management of the project site and surrounding lands. Mr. Weeks provided analysis of the ecological impacts of those management changes.

For the Federal Energy Regulatory Commission (FERC), Mr. Weeks managed E & E's preparation of the third-party EA for 185 miles of natural gas pipeline and construction of associated aboveground facilities proposed by Fayetteville Express Pipeline, LLC. As the main point of contact for FERC and interested regulatory stakeholders, he provided overall technical direction and document quality assurance (QA). Key natural resource issues included potential ecological impacts on wetlands and national wildlife refuges (NWRs).

Also for FERC, Mr. Weeks had a key role in E & E's preparation of the third-party EIS for 260 miles of pipeline extensions and construction of associated aboveground facilities proposed by Texas Gas Transmission, LLC. He provided liaison with FERC and interested regulatory stakeholders, addressed key natural resource issues such as potential impacts on wetlands, NWRs, and the Natchez Trace National Parkway, and provided expert reviews of project deliverables.

For the Great Lakes National Program Office (GLNPO), Mr. Weeks managed a team of E & E scientists that characterized habitat conditions in the Buffalo River Area of Concern (AOC), conducted stakeholder coordination, developed site-specific habitat restoration goals and actions, and developed the QA project plan for the Buffalo River Ecological Restoration Master Plan (ERMP). His team developed detailed site descriptions and conceptual habitat restoration measures for 26 sites along more than 37 miles of channel in the lower Buffalo River watershed. The work included development of habitat restoration measures for four habitat zones, quantification of restoration features, and development of installation cost estimates for each site. Local stakeholders used the ERMP to prepare project funding proposals.

For the Tuscarora Nation, Mr. Weeks was a member of the E & E team of specialists that investigated the potential for restoring or enhancing various types of wetland habitat in a large swamp with organic soil. The primary goal was to reestablish and enhance habitat and restore the area's cultural aspects to conditions similar to what existed prior to the construction of the New York Power Authority's hydropower reservoir. Mr. Weeks worked with other ecologists, engineers, and geologists to determine the hydrology, vegetative communities, soil types, and other factors that had influenced changes in the project area over several decades.

For El Paso Corporation, Mr. Weeks helped prepare the FERC 7(c) application environmental documents for Ruby Pipeline, a 675-mile, four-state natural gas pipeline crossing private, state, and federal lands, including those managed by the Department of Interior's (DOI's) Bureau of Land Management and the United States Department of Agriculture (USDA) Forest Service. He provided a senior technical review of the draft soil resource report and contributed to the agricultural impacts and mitigation section of the land use resource report.

For the USACE Kansas City District, Mr. Weeks coordinated production of a synthesis of all available information regarding known impairments within the Cayuga Creek watershed of western New York, for submission to the USACE Buffalo District and the Cayuga Creek Restoration Steering Committee, which includes the Buffalo Niagara RiverKeeper; watershed residents; and representatives of local, state, and federal agencies. Cayuga Creek is a tributary to the Niagara River and is included in the Niagara River AOC. The compiled summary (restoration roadmap) covered three decades of studies and publications on topics including water quality and quantity issues, contaminated sediment, aquatic habitat degradation and loss, and remediation efforts and identified solutions and potential projects to improve the health of the watershed while eliminating or remediating impairments in the AOC. It included proposed solutions for destabilized stream banks, loss of habitat, degraded benthos, localized flooding, and contaminated sediment, among other problems.

In support of the high-profile expansion initiative for the Belleayre Ski Center operated by the New York State Department of Environmental Conservation in Catskill Park, Mr. Weeks was a member of the E & E team that prepared a draft EIS relating to the unit management plan, in accordance with requirements of the State Environmental Quality Review Act. He developed estimates of greenhouse gas production caused by the clearing of forested areas.

As the Assistant State Conservationist for Natural Resources Planning with the USDA Natural Resources Conservation Service in Arkansas, Mr. Weeks managed the preparation of several EA/EISs and water resource planning projects over a six-year period. He supervised a multidisciplinary team that conducted engineering, hydrological, ecological, and economic investigations and developed project-specific remedial alternatives/mitigation measures. Ecological evaluations included assessment of and, in some cases, field surveys of, threatened and endangered species. For example, he managed preparation of the draft EIS for the Walnut Bayou Irrigation water supply and conservation project. Concerns addressed by the EIS included potential impacts on Red River nesting areas of the interior least tern (*Sterna antillarum*), listed by USFWS as endangered. During the project planning stage, Mr. Weeks discussed habitat protection issues with involved agencies, supervised preparation of a biological assessment, led formal consultation with USFWS officials; and coordinated with USACE, USFWS, and state regulatory agencies for the necessary permits.

