



Nuclear Regulatory Commission
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Identified: 07/12/2011

Admitted: 07/12/2011
Rejected:

Withdrawn:
Stricken:

NRC000159

Robert Van Lonkhuyzen
Statement of Professional Qualifications

CURRENT POSITION

Terrestrial Ecologist
Ecological and Geographical Sciences Section
Environmental Science Division
Argonne National Laboratory
Argonne, Illinois

EDUCATION

B.A., Biology, Trinity Christian College

PROFESSIONAL

Illinois Native Plant Society, Member

QUALIFICATIONS

Mr. Van Lonkhuyzen is an ecologist with over 21 years of work experience at Argonne National Laboratory (Argonne). He has been working in the areas of wetland management, plant community characterization, impact assessment, and habitat restoration. His expert areas include wetland delineation and classification, plant taxonomy, and restoration ecology.

As an ecologist for Argonne, Mr. Van Lonkhuyzen is responsible for the analysis of ecological resources, particularly vegetation communities, and conducting assessments of impacts to wetlands, threatened and endangered species, and terrestrial communities. He has worked on the environmental impact statements (EISs) for the Victoria County Station early site permit, Nine Mile Point new reactor, and Eagle Rock uranium enrichment facility, and the Generic EIS for nuclear reactor license renewal. On these projects, he was responsible for performing evaluations of terrestrial ecology-related issues.

Prior to his current position, Mr. Van Lonkhuyzen was a Term Appointee (1992-1994) in the Environmental Assessment Division of Argonne. As an ecologist, he conducted analyses on wetlands and other ecological resources; authored wetland and ecological sections for various National Environmental Policy Act (NEPA) documents; assisted in the interpretation of multispectral aerial videography for the assessment of impacts to terrestrial resources, wetlands, and threatened and endangered species; consulted and coordinated activities with Federal and state agencies to ensure compliance with the Endangered Species Act, Fish and Wildlife Coordination Act, and Clean Water Act; and assessed impacts to ecological resources, including wetlands and threatened and endangered species, from Air Force operational changes and construction.

From 1991 to 1992, Mr. Van Lonkhuyzen worked for the Argonne Environmental Assessment Division as a Special Term Appointee. Major responsibilities included assisting Ecology Section staff in field data collection and organization, geographic information system (GIS) analysis, and literature searches for various projects. He conducted field sampling and plant identification for various studies including: habitat analysis of tallgrass prairie, forest, and old-field habitat, and reproductive strategies in a fallow deer population, small mammal populations, and fish and

macroinvertebrate populations. He collected data relating to terrestrial resources and wetlands of the upper Colorado River Basin and created a database for the preparation of an EIS on hydroelectric generation; developed a wetland inventory program for the Argonne site; identified and delineated wetlands on Argonne property; and produced wetland maps on a GIS. He collected specimens and created an herbarium of plant species of the Argonne site.

Mr. Van Lonkhuyzen is author or co-author of over 80 reports, conference publications, and presentations on a variety of issues related to energy development, biodiversity, environmental impacts, and related policy and regulation, including 3 papers published in peer-reviewed journals mostly as a senior author, and 3 presentations made to professional conferences and workshops.