



Major Components of the Draft Environmental Impact Statement

Executive Summary

Purpose and Need

Description of Proposed Action and Alternatives

Affected Environment

Provides an overview of the existing physical, biological, economic, and social conditions at Arecibo Observatory

Environmental Consequences

Provides an evaluation of the potential environmental impacts of the Proposed Action under the five proposed action Alternatives and the No-Action Alternative; the impacts of each alternative's implementation and operations phase are assessed. Impacts, which can be direct, indirect, or cumulative, are identified and their duration (short-term or long-term), intensity (negligible, minor, moderate, or major), and scale (local or regional) are provided where possible.

In addition, mitigation measures to reduce the duration, intensity or scale of the impacts are identified within the resource evaluations. Resource areas evaluated include: biological, cultural, air quality, geology and soils, groundwater, hazardous materials, solid waste, noise, health and safety, and socioeconomics. Methodology for assessing impacts is provided for each resource area.

Notifications, Public Involvement, and Consulted Parties

