HAARP ROOTS

THE BEGINNING
Dr. Eastlund was approached by ARCO in the Spring of 1984, and asked to invent an idea that could lead to the sale of the 23 trillion cubic feet of natural gas in the Prudhoe Bay formation on the North Slope of Alaska. He presented a concept for using the gas to power a large phased array electromagnetic generator and produce a missile shield to defend the United States from missile attack by the Soviet Union. Many other ideas for applications were developed and most of them are detailed in the ROADMAP. Many of these ideas are part of the present DARPA managed HAARP program.

THE FIRST PRESENTATION
The first report was presented to an ARCO Vice President on May 9, 1984. When Eastlund presented the third slide in the presentation, he was abruptly asked to leave the room. A half hour later, he was asked back in the room. The Vice President told him that "He was concerned about what he might say, as the concept was so exciting." He then detailed the process by which he would present the idea to ARCO management. To ensure that history recognized his contribution, the Vice President provided the documentation on the right.

ARCO BRIEFING SLIDES
The first three slides of the briefing subsequently given to ARCO management are shown below. This in-house ARCO presentation phase culminated in a meeting with Bob Anderson and ARCO’s decision to have Simon Ramo work with Eastlund on presentations to the DOD and preparation of patents.
FIRST JASON BRIEFING
The JASONS, a DOD think tank, was briefed on the concept and the letter below resulted.

CONCEPTS PRESENTED TO JASONS

HISTORY PREPARED BY ARCO EXECUTIVE
In November, 1987, an ARCO executive prepared an internal history of the subsequent events after the Eastlund briefing in May, 1984.

2/06 - DARPA contract awarded at a level of $300,000.

6/06 - APTI Board Meeting. Robert L. Hirsch elected Chairman of the Board of Directors and Chief Executive Officer. William McMillan elected to the Board.

7/06 - Two-day technical review meeting with about 12 consultants and ARCO employees at the LaJolla offices of SAIC.

First DOD JASON advisory committee review.

8/06 - "Ionosphere and Magnetosphere Modification and Ground to Space Power Beaming" presentation to Dr. Donald Hicks, Deputy Secretary of Defense.

9/06 - Rany A. Shanny elected President APTI, starts work as first full-time employee in loan space in ARCO's Washington, D.C. office.

Proposal entitled "Investigate the Creation of Artificial Ionospheric Mirrors (AIMS) and Their Applications" submitted to Air Force Geophysics Laboratory (AFGL).

10/06 - APTI staff level: 15

11/06 - Notification that the "Ionospheric Warfare" proposal in to be funded.

Continuous - New ideas/concepts are conceived by consultants and employees.