

National Oceanic and Atmospheric Administration,
Host Agency serving:
Bureau of the Census
Economic Development Administration
International Trade Administration
Minority Business Development Agency
National Bureau of Standards
National Telecommunications and Information Administration
Office of the Inspector General



U.S. DEPARTMENT OF COMMERCE
Mountain Administrative Support Center
325 Broadway
Boulder, Colorado 80303

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18 June 1985

U.S. Nuclear Regulatory Commission
Material Licensing Branch
Division of Fuel Cycle and Material Safety
Washington, D.C. 20555

Reference: NRC Number 05-11997-01, Amendment No. 24

Dear Sir:

This is an application for amendment to our above reference NRC license. One of our currently listed users, Thayne Thompson, desires to purchase four more gas chromatographs that use detector cells containing 15 millicuries of Nickel 63. The gas chromatographs are Hewlett-Packard Model 5890. The detector cells are Model 19235B.

Following calibration at 3100 Marine Street, Boulder, Colorado, one gas chromatograph will be sent to each of the four following NOAA Environmental Research Laboratory field stations:

1. Amundsen-Scott Station, Antarctica (South Pole) (This is already listed on our NRC license)
2. Mauna Loa GMCC Observatory, Hilo, Hawaii
3. NOAA-GMCC Field Station, Barrow, Alaska
4. NOAA-GMCC Field Station, Pago Pago, American Samoa

The gas chromatographs will be used for scientific research in the Geophysical Monitoring for Climatic Change (GMCC) program.

The gas chromatographs will be operated by the following scientists at the field stations:

Mauna Loa - Elmer Robinson, Supervisory Meteorologist

Responsible for the day-to-day operation of the Mauna Loa Observatory. As a scientist, it is his responsibility to conduct research in the field using physical and chemical instrumentation to determine long-term effects of pollution on weather and climate.

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Samoa - Donald Nelson, Physical Scientist

Responsible for instrument operations at the Samoa Observatory including operation, maintenance and calibration of all instruments. These instruments include spectrophotometers, nephelometers, and infrared gas analyzers.

Barrow - Steven Fahnenstiel, Physicist

Responsible for operation, maintenance and calibration of all instruments including spectrophotometers, nephelometers and infrared gas analyzers. Background and/or training includes electronics, physical sciences, air sampling techniques and equipment operation.

If you need further information, please feel free to call me on FTS 320-3948.

Sincerely,

Winston Scott

Winston Scott
Radiation Safety Officer