



CER 000036



Department of Energy

Oak Ridge Operations Office
P.O. Box 2001
Oak Ridge, Tennessee 37831—

OPTIONAL FORM 99 (7-90)

FAX TRANSMITTAL

of pages **8**

To <i>Cindy Hunter</i>	From <i>Mildred Ferre / Virginia Carbajal</i>
Dept./Agency	Phone # <i>6-8018 / 4/4/645</i>
Fax # <i>241-2549</i>	Fax # <i>6-6074</i>
NSN 7540-01-317-7368 5089-101 GENERAL SERVICES ADMINISTRATION	

Date: July 1, 1996
 To: Cindy Hunter
 From: Mildred Ferre

Per your request we are submitting a copy of the University of Puerto Rico Nuclear Regulatory Commission License and a copy of the Statement of Work, for the Environmental Site Assessment for the Elverde and CEER facilities.

If you have any questions or need additional information, please contact me or my staff at (423)576-8018.

Sincerely,

Clayton Gist, Chief
 Decontamination and
 Decommissioning Branch

CEER
1440.05

NRC FORM 374
(7-94)

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 1 OF 4 PAGES

Corrected Copy

MATERIALS LICENSE

Amendment No. 13

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below: to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee		In accordance with application dated February 24, 1994	
1. University of Puerto Rico Mayaguez Campus		3. License Number	52-10510-04
2. College Station, Box 5000 Mayaguez, Puerto Rico 00681-5000		is renewed in its entirety to read as follows:	
		4. Expiration Date	February 28, 2000
		5. Docket or Reference No.	030-14313
6. Byproduct, Source, and/or Special Nuclear Material	7. Chemical and/or Physical Form	8. Maximum Amount that Licensee May Possess at Any One Time Under This License	
A. Americium 241	A. Sealed source	A. 3.7 MBq (0.1 millicuries)	
B. Cobalt 60	B. Sealed source	B. No single source to exceed 370 MBq (10 millicuries)	
C. Cesium 137	C. Sealed source	C. No single source to exceed 3.7 MBq (0.1 millicuries)	
D. Strontium 90	D. Sealed source	D. No single source to exceed 18.5 kBq (0.5 microcuries)	
E. Hydrogen 3	E. Polymer form	E. 222 MBq (6 millicuries)	
F. Carbon 14	F. Aqueous solution	F. 2.41 GBq (65 millicuries)	
G. Iodine 125	G. Aqueous solution	G. 5.55 MBq (150 microcuries)	
H. Phosphorus 32	H. Aqueous solution	H. 370 MBq (10 millicuries)	
I. Sulphur 35	I. Aqueous solution	I. 370 MBq (10 millicuries)	
J. Nickel 63	J. Aqueous solution	J. 185 Bq (0.005 microcuries)	
K. Nickel 63	K. Foil or plated source	K. Not to exceed 555 MBq (15 millicuries) per source	
L. Hydrogen 3	L. Liquid sealed in glass ampoule	L. 25.9 GBq (700 millicuries)	

NRC FORM 374A
(7-94)

U.S. NUCLEAR REGULATORY COMMISSION

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

Corrected Copy

License Number

52-10510-04

Docket or Reference Number

030-14313

Amendment No. 13

9. Authorized Use:**A. through E.,
and L.**

For storage only, incident to disposal.

F. through J.

Educational experiments involving tracer quantities, research and development as defined in Section 30.4 of 10 CFR Part 30, and instrument calibration.

K.

For use in gas chromatographs to measure properties of materials.

CONDITIONS

10. Licensed material shall be used only at locations approved by the licensee's Radiation Safety Committee at the University of Puerto Rico, Mayaguez Campus, College Station, Mayaguez, Puerto Rico and at the Marine Sciences Laboratory, Magueyes Island, La Parguora, Puerto Rico.
11. The Radiation Protection Officer for this license is Nimia Irizarry.
12. Licensed material shall be used by, or under the supervision of, individuals designated by the Radiation Safety Committee.
13. **A.** Sealed sources or detector cells containing licensed materials shall not be opened or sources removed from source holders by the licensee.
- B.** The licensee shall not acquire licensed material in a sealed source or device that contains a sealed source unless the source or device has been registered with the Nuclear Regulatory Commission under 10 CFR 32.210 or with an Agreement State.
14. **A.** Sealed sources and detector cells shall be tested for leakage and/or contamination at intervals not to exceed 6 months or at such other intervals as specified by the certificate of registration referred to in 10 CFR 32.210.
- B.** Notwithstanding Paragraph A of this Condition, sealed sources designed to emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months.
- C.** In the absence of a certificate from a transferor indicating that a leak test has been made within 6 months prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested.
- D.** Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, leakage, and contamination prior to any use or transfer as a sealed source.

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(7-84)

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 3 OF 4 PAGES

MATERIALS LICENSE
SUPPLEMENTARY SHEET

Corrected Copy

License Number

52-10510-04

Docket or Reference Number

030-14313

Amendment No. 13

(cont.)

CONDITIONS

14. E. Sealed sources need not be leak tested if:
- (i) they contain only hydrogen-3; or
 - (ii) they contain only a radioactive gas; or
 - (iii) the half-life of the isotope is 30 days or less; or
 - (iv) they contain not more than 100 microcuries of beta and/or gamma emitting material or not more than 10 microcuries of alpha emitting material; or
 - (v) they are not designed to emit alpha particles, are in storage, and are not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source or detector cell shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- F. The leak test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(b)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations. The report shall be filed within 5 days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region II ATTN: Chief, Nuclear Materials Inspection Section, 101 Marietta Street, Suite 2900, Atlanta, Georgia, 30323. The report shall specify the source involved, the test results, and corrective action taken.
- G. Tests for leakage and/or contamination shall be performed by the licensee or by other persons specifically licensed by the Commission or an Agreement State to Perform such services.
15. The licensee shall not use licensed material in or on human beings, animals, or in field applications where activity is released except as provided otherwise by specific condition of this license.
16. Maintenance, repair, cleaning, replacement and disposal of foils contained in detector cells shall be performed only by the device manufacturer or other persons specifically authorized by the Commission or an Agreement State to perform such services.
17. The licensee may transport licensed material or deliver licensed material to a carrier for transport in accordance with the provisions of Title 10, Code of Federal Regulations, Part 71, "Packaging of Radioactive Material for Transport and Transportation of Radioactive Material Under Certain Conditions."
18. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under this license.

FROM : DIV. DE CALIDAD AMBIENTAL Y SEGURIDAD OCUPACIONAL JUN. 25. 1996 1:55 PM P 5/5

NRC FORM 374A
(7-94)

U.S. NUCLEAR REGULATORY COMMISSION

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

Corrected Copy

License Number

52-10510-04

Docket or Reference Number

030-14313

Amendment No. 13

(cont.)

CONDITIONS

19. In addition to the possession limits in item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
20. The licensee shall maintain records of information important to safe and effective decommissioning at the location specified in Condition 10 in accordance with the provisions of 10 CFR 30.35(g) until this license is terminated by the Commission.
21. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Application dated February 24, 1994
- B. Letters dated:
- January 20, 1995 (response to request for additional information)
 - February 2, 1995 (facsimile describing sealed sources)

FOR THE U. S. NUCLEAR REGULATORY COMMISSION

EARL G. WRIGHT

Date _____

By

*Earl G. Wright*Region II, Nuclear Materials Licensing Section
101 Marietta Street, Suite 2900
Atlanta, GA 30323

TECHNICAL PROVISION FOR STATEMENT-OF-WORK
ENVIRONMENTAL SITE ASSESSMENTC-1 Project Propose.

The purpose of this project is to:

- (a) conduct a comprehensive Environmental Site Assessment in accordance with the most recent version of the American Society for Testing and Materials (ASTM) Standard Guidance for Site Assessments (E 1527), Section 101 (35), 107, and 120 (h) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), and Federal Property Management Regulations 41 CFR 101-47.202-2 (b) (9) and (10);
- (b) document the findings in a professional report; and
- (c) determine if there is a need and/or priority for further action under any regulatory authority.

C-2 Applicable Guidance and Criteria.

This project is being undertaken to meet the requirements of Section 101 (35), 107, and 120 (h) of the Comprehensive, Environmental Response, Compensation, and Liability Act (CERCLA), and Federal Property Management Regulations 41 CFR 101-47.202-2 (b) (9) and (10). Applicable guidance may include the American Society for Testing and Materials (ASTM) Standard Guidance for Site Assessments (E 1527), the National Contingency Plan (NCP, 40 CFR 300), EPA Directive 9345.0-01 or superseding guidance issued by EPA's Office of Solid Waste and Emergency Response (OSWER), the most recent versions of the Compendium of Superfund Field Methods and Test Methods for the Evaluation of Solid Waste: Physical/Chemical Methods and Test Methods (SW-846), other codes, and/or applicable State regulations, procedures, or authority for conducting environmental site assessments and/or evaluating sites where actual or potential releases of hazardous substances/wastes from a site/facility may have occurred.

The environmental site assessment shall be conducted in strict compliance with Federal, State, and/or local requirements for this type of work and the work plan.

C-3 Site History.C-4 Project Summary and Specifications.

The contractor should approach the project in two phases. Phase I is to include a record search and physical inspection of the property. Phase II is to include a program of sampling and analysis. This second phase is only to be completed if the results from phase I warrant sampling. Included as a requirement of sampling is the development of a site safety plan. The findings of the ESA (both Phase I and Phase II if required) will be included in a comprehensive ESA report.

The contractor shall identify and furnish all personnel, materials, equipment, safety gear, and services necessary to achieve the project purpose and schedule. The contractor must be certified and/or bonded in evaluating property records and property for actual and potential hazards and liabilities associated with current or past operations involving hazardous substances or hazardous wastes.

C-4.1 Phase I Records Search and Physical Inspection.

At a minimum the ESA must include a detailed record search and thorough physical inspection of the property, facilities, and structures; compliance history, aerial survey photographs, site and topographic maps, engineering environmental studies, and other relevant information about the property and immediate vicinity. Where indicated (i.e., Superfund sites, Federal enforcement actions or ownership, etc.) a review of Federal records should also be conducted. To the extent possible, the investigation should cover at least the past 50 years. Nearby drinking water supply wells (i.e., within a 1 mile radius) should be identified.

Identify past owners and operators, historical and current land uses, facilities that are and were present, regulatory actions and other information that might indicate the presence, storage, use, spilling, discharge, or disposal of hazardous wastes, hazardous substances, petroleum, petroleum products, pesticides, asbestos, radioisotopes, or other compounds, formulations, or biological or chemical agents capable of adverse environmental or human-health effects.

Possible sources of information include but are not limited to:

- Office of Management and Budget A-106 plans;
- chemical, biological, and radiological inventories;
- material safety data sheets;
- hazardous waste manifests;
- RCRA 3016 reporting;
- EPCRA reporting;
- ARS storage tank inventory;
- asbestos containing material surveys;
- Federal, state, and local permits (e.g. underground storage tanks, waste water treatment or disposal systems, incinerators, landfills, water supply wells, storm water discharges, operating permits, etc.); and
- Interviews with key location personnel both past and present.

During the physical inspection, all buildings and other surface and subsurface structures should be accessed and fully inspected whenever possible. The level of effort and focus of the physical inspection should be guided and informed by current and previous property uses. However, at a minimum, it should include identification and evaluation of the following:

- operating, non-operating, and abandoned facilities, structures, and units present on the property, or the site where they previously existed;
- interior and exterior sources of actual or potential contamination, such as underground storage tanks (USTs), interior floor drains, dry wells, asbestos, PCB transformers, roof drains, dumps, landfills, and disposal areas;
- sources of air or water pollution and any pollution control devices;
- operating procedures, including types of equipment used, materials handled, and procedures;
- sensitive environmental receptors, such as wetlands, water supply wells, food supplies, and surface waters; and
- adjacent land uses.

At a minimum the presence of the following conditions should be noted:

- discolored ground or other surfaces;
- areas of stressed or dead vegetation;

- drums/barrels stacked or buried on the property;
- unusual odors, particularly in the vicinity of septic tanks or other underground conditions;
- abnormal conditions of surface waters and impoundments, including any sheens, dead fish or birds, or discoloration;
- inconsistencies in the general topography of the site, such as unusually low or high areas, depressions, etc.;
- unevenness in parking and other developed areas; and
- underground storage tanks.

Information obtained from the record search and physical inspection will be evaluated to judge whether or not sampling is required.

Phase II will be conducted upon request by USIA.

C-4.2 Phase II. Sampling/analysis (if needed)

If it is determined that Phase II is needed, the Government will request that the Contractor submit a cost proposal for the additional work. The cost proposal submitted in response to this Request for Proposal should only include pricing for completing Phase I only. A Phase II proposal is not to be submitted unless specifically requested by the Government.

C-4.2.1 Sampling Plan.

If sampling is required, the Contractor must submit a sampling plan for review and acceptance by the Government. Acceptance by the Government will include a review and approval by the lead regulatory agency. The plan should outline at a minimum, the following:

- statistical basis, rationale, and methodology for selecting the types, numbers, and locations of samples to be collected and analyzed;
- list of pollutants to be analyzed and analytical methods;
- provisions to ensure that all analyses are completed within allowable holding times;
- detailed step-by-step procedures for collecting samples;
- procedures to be used to decontaminate sampling equipment between samples;
- type(s) of sampling containers and samples;
- the order in which samples are to be collected at a given sampling point;
- the method by which quality and representativeness of samples will be assured;
- methods for labeling, handling, preserving, packing, shipping, and documenting samples;
- chain of custody procedures to be used to handle the samples;
- calibration of any field instruments;
- analytical procedures/methods to be employed in determining the concentration of constituents of interest; and
- precision, accuracy, detection limits, quantification limits, and percent recovery for each constituent, pollutant, or variable.

Investigation methods may include, but not be limited to, surface geophysical methods such as ground-penetrating radar, soil gas surveys, soil borings, suction lysimeters, and water samples from existing monitoring or water-supply wells.

Meeting 9-22-93

Phone

Pet Nicholas

DOE-ORO-RE

615-576-4431

Tom Knox

DOE-FM

615-586-1191

Jerry Westerbeck

DOE-EM-40

Bill Osburn

ER-73

Andrew Szilagyi

EM 62

615 69137

Judson Lilly

EM-423

301 903-7218

DRAFT

Enclosure

Minutes From the Department of Energy (DOE)/USDA, Agricultural Research Service (ARS) Meeting on Mayaguez, Puerto Rico

- o On July 28, 1993, a meeting was held between DOE and ARS to discuss the environmental cleanup of Mayaguez, Puerto Rico. Those in attendance included:

- o William Osburn, DOE
- o Andrew Szilagyi, DOE
- o Mary Carter, South Atlantic Area (SAA)
- o Hugh Johnson, SAA
- o Larry Lofton, SAA
- o Edward Wolfe, SAA
- o Katherine Fisher, Facilities Division (FD)
- o Pete Jovanovich, FD
- o Edward Reilly, FD
- o Terry Roark, FD

The SAA participated by teleconference.

- o Mr. Jovanovich stated that the purpose of the meeting was to discuss DOE's environmental cleanup of Mayaguez, Puerto Rico, so that ARS could provide their expectations for receiving the facilities back. Everyone agreed that the property should be remediated to a mutually acceptable level so that it can be transferred back to ARS.
- o Mr. Jovanovich then asked Andrew Szilagyi to brief the group on various ongoing cleanup issues.
- o Mr. Szilagyi said that orphan chemicals have been characterized and will be properly disposed of on or around August 2, 1993. When asked by Mr. Jovanovich, Mr. Szilagyi said that DOE will provide documentation indicating that the University of Puerto Rico is satisfied that all remaining chemicals are their property.
- o Mr. Szilagyi then discussed PCB transformers. He stated that DOE intends to remove all PCB transformers and is currently reviewing their legal obligations regarding replacement of the transformers. He said that a decision is expected from DOE's legal office shortly. In the interim, DOE has requested the University review their electrical power requirements. Should DOE replace the transformers, they anticipate that the number and/or size of the transformers may be reduced.

remove

- o Mr. Szilagyi stated there is soil contamination around one of the PCB transformers. He said that a more thorough soil characterization will be performed and all contaminated soil will be removed by DOE. Mr. Szilagyi anticipates the cleanup will be accomplished by October 1993.
- o Asbestos containing material was discussed next. Mr. Szilagyi said that he had not yet obtained a copy of an asbestos survey that was performed. He said that DOE intends to remove or encapsulate friable asbestos. Mr. Jovanovich stated that ARS would prefer that all friable asbestos be removed as well as interior non-friable asbestos with the exception of undamaged floor tile. Mr. Szilagyi stated that if this were the case, some buildings would be demolished. ARS agreed to review the asbestos survey before providing further comment. Mr. Szilagyi said that he would provide ARS a copy of an asbestos survey.
- o Mr. Szilagyi stated that there are two or three underground storage tanks (UST) on the property. He said that DOE intends to remove all UST's unless ARS chooses to retain the tanks for their use. He said that DOE will assess the tank sites for environmental damage (leaks) and corrective actions will be taken as necessary. No milestones were developed with regard to the UST's.
- o Mr. Szilagyi said that a preliminary assessment/site investigation (PA/SI) was performed and submitted to the EPA in October 1992. DOE is currently awaiting a response from the EPA. Mr. Szilagyi stated that he will provide ARS a copy of the initial letter sent to EPA as well as a copy of the assessment. Mr. Szilagyi was uncertain whether a copy of the assessment had been forwarded to the Environmental Quality Board (EQB) of Puerto Rico for their review. Both ARS and DOE agreed that this was necessary. Mr. Szilagyi said that he would investigate the matter and provide ARS a copy of the letter.
- o Mr. Jovanovich requested that DOE provide any additional information that may help clarify these issues (i.e. letters from regulatory officials, other studies, etc.).
- o Mr. Jovanovich stated that once ARS receives the above information, they will provide DOE with ARS' expectations of the cleanup.
- o Mr. Jovanovich will serve as the point of contact for ARS on 301-344-0218. Mr. Szilagyi will serve as DOE's point of contact on 202-586-9137.

For additional information, please contact Dr. William Osburn at (301) 903-4903.

Sincerely,

Original signed by

David J. Galas
Associate Director for Health
and Environmental Research
Office of Energy Research

cc:
J. Wooley, ER-71

bcc:
ER-1 (Happer)
ER-622 (FORS)
ER-70 (2)
ER-71
P. Nicholson, OR

ER-73:Wosburn:JRocheK:33213:2/17/93:IBM PC:dir:1:er-73/hilty.1tr

CONCURRENCES		
2	RTG. SYMBOL	ER-73
	INITIALS/SIG.	JRocheK/er
	DATE	2/17/93
	RTG. SYMBOL	ER-70
	INITIALS/SIG.	MSchulman
	DATE	2/17/93
	RTG. SYMBOL	ER-71
	INITIALS/SIG.	JWooley
	DATE	2/17/93
	RTG. SYMBOL	ER-70
	INITIALS/SIG.	DGalas
	DATE	2/18/93
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DEPARTMENT OF AGRICULTURE
OFFICE OF ASSISTANT SECRETARY FOR ADMINISTRATION
WASHINGTON, D.C. 20250

JAN 21 1991

Dr. William Happer
Director, Office of Energy Research
Department of Energy
Washington, D.C. 20585

Dear Dr. Happer:

We are requesting your assistance in finalizing cleanup activities at the former Atomic Energy Commission's (AEC), Center for Energy and Environmental Research (CEER), Mayaguez, Puerto Rico. This action is required before the custody and accountability of this site, with facilities, can be conveyed to the Department of Agriculture (USDA), Agricultural Research Service (ARS), for use by the ARS, Tropical Agricultural Research Station (TARS), Mayaguez, Puerto Rico.

On October 25, 1988, the Department of Energy (DOE) notified ARS of its intent to conclude nuclear training and research program activities at this location and convey custody and accountability of all improvements to USDA following decontamination and cleanup activities. Enclosed is a copy of said notification. This was in compliance with Act No. 24 of the Puerto Rico Legislature, dated June 5, 1958, and a 1958 Agreement between USDA and AEC. While decontamination activities have taken place, additional cleanup work remains unfinished. In addition, we are unaware of DOE's timetable for the completion of these actions.

The CEER site was part of the original tract of land granted by the Commonwealth of Puerto Rico to the Federal Government for the purpose of conducting agricultural research. It is the intent of USDA to retain this site for future agricultural research programs in cooperation with the University of Puerto Rico. These plans cannot be implemented until the cleanup issue has been resolved and the custody of the site conveyed to ARS.

D&D - 1991

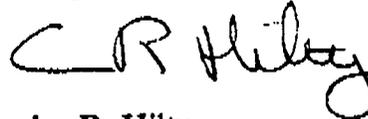
Dr. William Happer

2

We would appreciate any assistance you can provide in finalizing these activities. Should you or your staff require additional information, please have your staff contact Mr. James Sober, Chief, Real Property Management Division on (202) 720-5225.

Thank you for your attention to this matter.

Sincerely,



Charles R. Hilty
Assistant Secretary
for Administration

Enclosure

Allen/Steve

United States Government

Department of Energy
Oak Ridge Field Office

memorandum

DATE: July 2, 1992

REPLY TO
ATTN OF: EW-921:VelázquezSUBJECT: REMAINING DEPARTMENT OF ENERGY (DOE) RESPONSIBILITIES IN
PUERTO RICO

TO: William H. Young, Assistant Secretary for Nuclear Energy, NE-1, HQ/FORS

The Center for Energy and Environmental Research (CEER) was operated by the University of Puerto Rico for over thirty years under contracts with DOE and predecessor agencies. Conditions involving health and safety issues, as well as potential regulatory noncompliances, still exist at these facilities. A summary of the remaining DOE responsibilities in Puerto Rico and cost estimates for correcting these conditions are attached for your information.

During the past two years, written and verbal communication with ER-1 and EM-1 has identified the remaining concerns and funds for corrective actions were requested. However, to date, the Department has not provided the necessary funds to complete shutdown of these facilities.

In view of potential regulatory violations associated with: (1) hazardous waste storage under Resource Conservation and Recovery Act (40 CFR 262.34), (2) occupational exposure to friable asbestos under Occupational Safety and Health Administration (29 CFR 1910.1001 and 1910.1101), and (3) PCB-contaminated transformers under Toxic Substances Control Act (40 CFR 761), and health and safety issues related with these conditions, we are requesting your support as the DOE Oak Ridge Field Office Lead Principal Secretarial Officer in our efforts to resolve this matter.

In order to proceed immediately with the initiation of corrective actions, please identify a point-of-contact within the Office of Nuclear Energy. We request that this person take the lead on the following actions:

- Work with ER and EM to decide which Headquarters program office assumes CEER shutdown responsibilities.
- That \$650,000 of Biological and Environment Research (KP) funds (currently in the OR allotment, but obligated to ongoing tasks) be authorized to initiate actions such as sampling, analysis, and disposal of chemicals; asbestos inventory and abatement planning; replacement and disposal of PCB transformers; and, a portion of the management support by CEER. Once the proper funding source and additional funds are identified, costs will be redistributed.

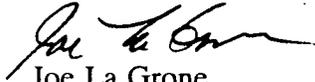
010256

Mr. W. Young

-2-

July 2, 1992

Please contact Bill Adams at (615) 576-0742 or Dick Egli at (615) 576-0723 for any additional information and OR coordination.


Joe La Grone
Manager

Attachments

cc w/o attachments:

L. P. Duffy, EM-1, HQ/FORS
W. Happer, ER-1, HQ/FORS
W. D. Adams, EW-90, OR
L. L. Radcliffe, EW-92, OR
R. C. Sleeman, EW-91, OR
M. M. Heiskell, EW-921, OR
P. D. Dayton, AD-42, OR
R. L. Egli, ER-10, OR
J. R. Martin, FM-71, OR
J. M. Penry, FM-72, OR
C. S. Przybylek, CC-10, OR

April 7, 1989

AD-424

J. R. Newman
4/7/89

AD-42

R. P. Nicholson
4/7/89

Mr. Glenn C. Rotondo
General Services Administration
Office of Real Estate Sales - Rm 1079
10 Causeway St.
Boston, MA 02222

Dear Mr. Rotondo:

GENERAL SERVICES ADMINISTRATION FEDERAL PROPERTY ASSET MANAGEMENT
SURVEY

In response to the undated letter from Mr. William J. Diamond, Regional Administrator, General Services Administration, we are enclosing a copy of the subject survey which we completed for real property under our control in the Commonwealth of Puerto Rico.

If you have any questions, please do not hesitate to contact either me on FTS 626-4431 or Jack Newman on FTS 626-0977.

Sincerely,

Richard P. Nicholson
Realty Officer
Procurement and Contracts Division

AD-424:JRNewman

Enclosure

bc: R. P. Nicholson

OFFICIAL FILE
R/F

File Puerto Rico

April 13, 1982

MA-32

Transfer of Real Property to Puerto Rico

Assistant General Counsel for Legal Counsel, GC-41

Attached at Tab A is a copy of an Action Memorandum, signed by the Administrator of ERDA in 1976, approving the use of Section 161g to make a programmatic transfer of two properties to Puerto Rico. We have been unable to locate the Tab A referenced on the General Counsel concur line.

The properties to be transferred had to be decontaminated before title could be transferred. Title to a 20 acre parcel, known as Carnelia Hill, was passed to Puerto Rico by quitclaim deed on February 23, 1981. The decontamination report on the 1.88 acre Rio Piedras site has been completed and is being reviewed.

Fred Rushford, Office of the Governor of Puerto Rico, called to ask if we could expedite review and transfer. A grant of several hundred thousand dollars was made by Housing and Urban Development to do research at this facility, and the funds cannot be used until title is transferred. The money has twice been carried over, and will be lost if it is not used this fiscal year.

My question to you is whether or not, under Executive Order 12348 (Tab B), the Department of Energy may still transfer the property at no cost, since we have been advised that proposals to sell property at less than fair market value must be reviewed by the Federal Property Review Board. I told Mr. Rushford of my concern, and that I was referring the question to Counsel for advice. He is understandably upset, and would like a response by tomorrow (April 14).

If you need additional information, please call me on 252-1191.

/s/

Dorothy A. Barth, Director
Real Estate Management Division
Office of Project and
Facilities Management

Attachments

CC:
MA-30 (LDraper)
OPFM Chron

MA-32:D.Barth:ask:4/13/82:252-1191

CONCURRENCES	
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INITIALS/SIG.	Barth
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Department of Energy
Oak Ridge Operations
P.O. Box E
Oak Ridge, Tennessee 37830

March 30, 1982

Dr. Juan A. Bonnet, Jr., Director
Center for Energy and Environment Research
Caparra Heights Station
San Juan, Puerto Rico 00935

Dear Dr. Bonnet:

RENTAL OF SPACE TO INTER-AMERICAN TROPICAL TUNA COMMISSION

With the information submitted by you with:

1. your letter to me dated December 4, 1981,
2. your letter to me dated February 2, 1982, and
3. your telegram to me dated February 25, 1982,

we believe that we now have adequate information to give you our position in the matter of the rental of the space to the Tuna Commission.

Our position is as follows:

1. CEER does not have the authority to rent/lease any DOE-owned property; therefore, your letter agreement dated November 6, 1981, is not appropriate. The matter should have been referred to us for action back in November 1981 along with CEER's recommendations, including recommended charges.
2. According to the DOE Order relating to the lease of real estate (DOE 4300.1, Chapter III), the lease charge should have been based on "the appraised fair market rental value except in cases where it is in the best interest of the Government to allow less." We do not have information on what the "fair market rental value" would be for the space and we have not determined that it is in the best interest of the Government to charge less than the fair market rental value.
3. The basis for establishing a charge of \$150/month for utilities, janitorial services, parking, etc., is not clear. Therefore, we have no basis for approving the rate.

Dr. Juan A. Bonnet

-2-

March 30, 1982

Having stated our position, we are faced with what action would be appropriate in view of the fact that CEER has already leased the space and established the charges. Our only reasonable course of action is to concur in what has been in effect since 1981. Therefore, you have our approval to let the transaction remain as it is until the expiration date of June 30, 1982.

Revenue received from rental of DOE facilities at CEER should be applied against cost incurred under contract DE-AC05-OR01833. CEER should currently be adjusting the monthly cost report being sent to ORO by reducing costs incurred for the amount of the revenue. This procedure is necessary since (1) we no longer provide WN/ZN funding to CEER and (2) CEER is no longer on the letter-of-credit arrangement whereby deposits were made to the U.S. Treasury.

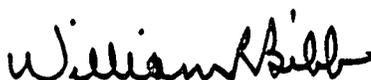
If there are any plans for the Commission to use the space beyond June 30, 1982, then you should submit to us:

1. Information on the fair market rental value for the space.
2. Some basis for the \$150/month.
3. A statement on the availability of comparable rental space from private sources.
4. Suggested rental period.

We will then take the appropriate action including the preparation of the lease if our position is affirmative.

We have your letter of February 17 concerning the rental of space in the Biomedical Building to the Puerto Rico Cancer Center and we will be taking appropriate action, including the preparation of the lease agreement if we concur in the rental. We will notify you as soon as we finalize our position in the matter.

Sincerely,



William R. Bibb, Director
Research Division

ER-111:JER

cc w/references:

W. P. Snyder, CC-10, ORO
H. S. Oster, AD-43, ORO
C. H. Durham, AD-46, ORO ←
M. M. Dare, PB-10, ORO (2)

FEB 25 11 19 AM '82

RECEIVED
ORC/DOE
COMM CENTER

FEBRUARY 25, 1982

✓
DR WILLIAM R BIBB, DIRECTOR
RESEARCH DIVISION
DEPARTMENT OF ENERGY
OAK RIDGE OPERATIONS
PO BOX E
OAK RIDGE, TN

R-738-OK

RE: OUR TELEX REFERENCE LETTER DATED FEBRUARY 2, RE RENTAL OF
SPACE TO INTERAMERICAN TROPICAL TUNA COMMISSION

THE \$5.50/SQ.FT. PER YEAR WAS ESTABLISHED USING THE RENTAL FEE OF
\$4.00 APPROVED BY OAK RIDGE FOR THE RENTAL OF FIRST FLOOR OF
BIOMEDICAL BUILDING IN 1978 TO DEPT OF HEALTH. THE \$4.00
PER SQUARE FEET WERE ESCALATED 11 PER CENT FOR FIRST YEAR AND 12
PER CENT FOR THE TWO ADDITIONAL YEARS USING THE AVERAGE INCREASE

R 1193

IN COSTS FOR PUERTO RICO. SIMILAR SPACES RENTED IN THE AREA VARY BETWEEN \$8.00 TO \$10.00 PER SQUARE FOOT PER YEAR. SINCE IATTC IS A NON PROFIT ORGANIZATION WE USED THE \$4.00 ALREADY APPROVED BY ORO FOR THE RENTAL TO THE DEPARTMENT OF HEALTH.

THE \$150.00 PER MONTH TO COVER UTILITIES AS DEFINED IN OUR LETTER WAS NEGOTIATED AND ACCEPTED BY IATTC SINCE WE COULD NOT DEFINE SPECIFIC COSTS FOR EACH INDIVIDUAL ITEM OR FACILITY AVAILABLE.

BY SEPARATE ENVELOPE WE ARE SENDING COPY OF LETTER FROM IATTC TOGETHER WITH COPY OF OUR FEB 2 LETTER TO YOU AS REQUESTED IN YOUR TELEX. BEST REGARDS.

JUAN A BONNET, JR.
DIRECTOR

CC J.C. MUNIZ
K. SODERSTROM



CENTER FOR ENERGY AND ENVIRONMENT RESEARCH
UNIVERSITY OF PUERTO RICO



February 2, 1982

Dr. William R. Bibb, Director
Research Division
Department of Energy
Oak Ridge Operations
P.O. Box E
Oak Ridge, TN 37830

Dear Dr. Bibb:

RENTAL OF SPACE TO INTER-AMERICAN TROPICAL TUNA COMMISSION

Reference is made to your letter dated December 30, 1981 advising that you do not concur with the rental of an office in Mayaguez to the IATTC.

As per your request, we are including copy of letter dated January 20, 1982 from Mr. James Joseph, Director of Investigations of the IATTC. This letter explains the functions of the IATTC which according to the Tuna Conventions Act of 1950, Section 958 (b) is sanctioned by the U.S. Government.

Regarding the rental charge of \$5.50 per square foot, please be advised that this charge is per year. The \$150.00 per month covers, electricity, air conditioning, water, toilets, janitorial services, parking space, etc. As we mentioned in our letter of December 4, 1981, the IATTC had their office in a space provided by the Department of Natural Resources, funded by the Federal Government, close to our Cornelia Hill facilities. Because of budget cuts by the Federal Government, the DNR had to close those facilities. Since they could not find facilities as convenient to their needs, they requested our cooperation in allowing them the use of office space which had been unused for some time. We acquiesced considering their urgent needs and also because IATTC is a non-profit international organization co-sponsored by the U.S.

Because of the mentioned reasons, we respectfully request that you reconsider your decision and that the

B-4733-OK

*4331
CEER*

IATTC be allowed to remain for at least the rental period, and will request your previous approval for the next year. If in the opposite, your decision is final, please let us know in order to act accordingly.

Thanks for your consideration to this matter.

Cordially yours,

Juan A. Bonnet, Jr.
Juan A. Bonnet, Jr.
Director

JABonnet:JCM:ecc

cc K. Soderstrom
Julio C. Muñiz
Ramón Muñiz

MEMBER COUNTRIES - PAISES MIEMBROS

CANADA	PANAMA
FRANCE - FRANCIA	UNITED STATES OF AMERICA -
JAPAN - JAPON	
NICARAGUA	ESTADOS UNIDOS DE AMERICA

INTER-AMERICAN TROPICAL TUNA COMMISSION COMISION INTERAMERICANA DEL ATUN TROPICAL

Established in 1950 by treaty between the United States of America and the Republic of Costa Rica for the investigation and conservation of the tuna resources of the eastern Pacific Ocean.

Establecida en 1950 por medio de un tratado entre los Estados Unidos de America y la República de Costa Rica para la investigación y conservación de los recursos del atún en el Océano Pacifico oriental.

DIRECTOR OF INVESTIGATIONS
DIRECTOR DE INVESTIGACIONES
JAMES JOSEPH

C/O SCRIPPS INSTITUTION OF OCEANOGRAPHY
LA JOLLA, CALIFORNIA, U. S. A. 92093
TELEPHONE. 453-2820 AREA CODE 714

CABLE ADDRESS: TUNACOM
TELEX: 697-115 TUNACOM

January 20, 1982
Ref:705-203

Dr. Ken Soderstrom
Center for Energy and
Environmental Research
College Station
Mayaguez, PUERTO RICO 00709

Dear Dr. Soderstrom:

Our representative in Mayaguez, Mr. Rafael Gaudier, has notified us that you may have a problem with the office rental agreement that we recently signed. The main problem given by Mr. Gaudier is that your organization believes that we are a private company; we are in fact, an international treaty commission and the United States is one of our member nations. The following gives a brief description of our organization:

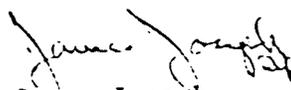
The Inter-American Tropical Tuna Commission operates under the authority and direction of a convention originally entered into by the governments of Costa Rica and the United States. The convention, which came into force in 1950, is open to the adherence by other governments whose nationals participate in the fisheries for tropical tunas in the eastern Pacific Ocean. The present member nations of the Commission are Canada, France, Japan, Nicaragua, Panama and the United States.

The principal duties of the Commission are (1) to study the biology of the tropical tunas, tuna baitfishes, and other kinds of fish taken by tuna vessels in the eastern Pacific Ocean and the effects of fishing and natural factors upon them and (2) to recommend appropriate conservation measures, when necessary, so that these stocks of fish can be maintained at levels which will afford the maximum sustained catches. To fulfill this mission the Commission is required to carry out an extensive research program. This program is conducted by a permanent, internationally recruited staff selected and employed by the Director of Investigations, who is responsible to the Commission.

The United States Government "Tuna Conventions Act of 1950, as amended" has a section that is pertinent to the present situation. The act in section 958 (b) states that "All agencies of the Federal Government are authorized on request of the Commissions to cooperate in the conduct of scientific and other programs, or to furnish facilities and personnel for the purpose of assisting the Commissions in the performance of their duties."

I trust the above information will help your organization understand our needs and how you can assist us. If you desire additional information please feel free to contact me.

Sincerely yours,



James Joseph
Director of Investigations



Department of Energy
Oak Ridge Operations
P.O. Box E
Oak Ridge, Tennessee 37830

MAR 11 1982

C. H. Durham, Director, Supply Division

RENTAL OF DOE-OWNED SPACE

Attached is a letter from CEER dated February 17, 1982, concerning a request from the Puerto Rico Cancer Center for the rental of space in the Biomedical Building.

We have no objection to the rental of the space on the basis that it is the University of Puerto Rico requesting the space and we intend to transfer title to the building to the University as soon as possible. In the meantime, the rental income can be used to reduce the cost to DOE for the maintenance and upkeep of the area and equipment. We have no basis for agreeing with the \$60,000/year rental charge; however, the amount appears appropriate in view of the charge of the rental for the first floor of the building.

We request that you initiate appropriate action to permit the rental of the space to the Cancer Center.

ER-111:JER

Attachment:
CEER ltr dtd 2/17/82

William R. Bibb
William R. Bibb, Director
Research Division

- Routine maintenance & cleaning to be resp'd by CEER



CENTER FOR ENERGY AND ENVIRONMENT RESEARCH
UNIVERSITY OF PUERTO RICO



December 4, 1981

Dr. William R. Bibb, Director
Research Division
Oak Ridge Operations Office
U.S. Department of Energy
P.O. Box E
Oak Ridge, Tennessee 37830

SUBJECT: RENTAL OF SPACE TO INTER AMERICAN TROPICAL TUNA COMMISSION

Dear Dr. Bibb:

The Inter American Tropical Tuna Commission (IATTC) is sponsored and funded principally by the United States of America and also by the governments of France, Panama, Canada, Japan and Nicaragua. This Commission has among its objectives the conservation of the Tuna fish in the Pacific Ocean. They specially study the yellowfin's characteristics and living methods.

In the town of Mayaguez are located large tuna processing and canning plants like Star Kist Caribe, Neptune Packing, and Bumble Bee P.R. for the tuna fish brought from the Pacific Ocean. The IATTC has an office in Mayaguez which gathers information from the tuna boats and also biological data at the processing and canning plants. Originally, they had their offices close to our Cornelia Hill Docksite Facilities in a space provide by the Department of Natural Resources of Puerto Rico, funded by the Federal Government. Because of the budget cuts, the DNR had to close this facility thus affecting the IATTC.

The IATTC made a request for 360 sq. ft. office space in the Solar Building since it is close to the tuna canneries and offers stability within a government owned facility. We acquiesced to their request since they are sponsored among others by the U.S. Government and their work could be related to our Marine Ecology Division.

We are including copy of the signed agreement between IATTC and the CEER for the use of the office space and also an explanatory letter from their local representative detailing their scope of work.

4331 B.7.82
CEER

Dr. William R. Bibb
December 4, 1981

Page 2

Please review the documents which we have submitted to your approval.

Cordially,

Juan A. Bonnet, Jr.
Juan A. Bonnet, Jr.
Director

JAB/JCM:ajc

cc: K. Soderstrom
R. Muñiz
J. Carbonell
J.C. Muñiz



THE SECRETARY OF ENERGY
WASHINGTON, D.C. 20585

June 10, 1981

File - set
Univ of Puerto
Rico
CEER file

Honorable Carlos Romero-Barcelo
Governor of Puerto Rico
San Juan, Puerto Rico 00902

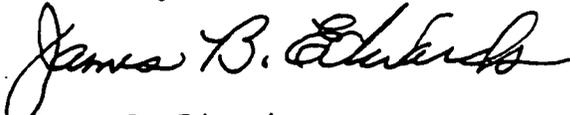
Dear Governor Romero-Barcelo:

I am writing on behalf of the Department of Energy to express our sincere appreciation for the excellent work undertaken on our behalf by the University of Puerto Rico's Center for Energy and Environment Research (CEER). As you may know, this laboratory has been operated under contract to the Department and our predecessor agencies for 25 years. We have been very pleased with the transition and progress from a laboratory originally established and dedicated to research on nuclear applications to a broadly based and comprehensive organization, with substantial capability in areas of energy research and technology development of significant interest both nationally and to Puerto Rico.

We have provided substantial financial assistance to the University over the past 6 years to aid this transition. Based on the original agreement with the University of Puerto Rico signed in 1976 covering this transition, this support will end with the current fiscal year. During the next fiscal year (FY 1982), the Department plans to complete the official transfer of the Center's federally-owned facilities (which have an approximate value of \$12M) to the University. We will also continue to consider project-oriented support for the Center in competition with others. It is our belief that CEER can continue to develop into an important resource center of excellence for the Commonwealth, both in terms of research on new energy technologies, and as regards the related policy and economic implications of changing the Commonwealth's energy base.

We are very pleased with CEER's past accomplishments and look forward to continued diversification of local support for the Center.

Sincerely,


James B. Edwards

MAY 21 1981

ER-44

ACTION: Letter to Governor of Puerto Rico on Status of the Center for Energy and Environment Research

The Secretary
The Deputy Secretary

Acting Under Secretary

ISSUE:

Departmental financial assistance to the University of Puerto Rico's Center for Energy and Environment Research (CEER) is scheduled to end as planned in FY 1981. The Governor of Puerto Rico should be informed of this action and of the Department's interest in seeing CEER continue to diversify its financial support base.

BACKGROUND:

In 1957, as part of the Atoms for Peace Program, the Atomic Energy Commission (AEC) initiated support for the development and operation of the Puerto Rico Nuclear Center (PRNC), a government-owned contractor-operated laboratory administered by the University of Puerto Rico. In subsequent years, the Center developed into a nationally recognized laboratory for research on nuclear applications. With the transition of the AEC into the Energy Research and Development Administration (ERDA) in 1975, negotiations were undertaken with the University of Puerto Rico to redefine and broaden the mission and goals of PRNC. As a result, the Administrator of ERDA and the President of the University signed a Memorandum of Understanding on April 11, 1976, providing for the creation of the Center for Energy and Environment Research which would use the facilities and personnel of PRNC. There would be a major change and expansion in program scope toward developing research competence in all the major energy technologies relevant to Puerto Rico. The Center was to serve as a focal point for energy and environmental research in Puerto Rico and to develop cooperative training programs with other countries in the Caribbean and Latin America. In addition, the Center was to help Puerto Rico meet manpower needs in energy-related areas.

As part of this transition, ERDA (and, subsequently, the Department of Energy) agreed to provide financial assistance over a 6 year period to the University to enable the faculty and staff at CEER to develop new competence and capability in energy research and technology development. Title to the government-owned facilities of PRNC were also to be transferred to the University at the conclusion of the transition agreement. (This transfer is now scheduled for FY 1982.)

** Per memo 6/5, E. Wood with R. Stephens*

CONCURRENCE
RTG. SYMBOL
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INITIALS/SIG.
R. Steph
DATE
5/18
RTG. SYMBOL
ER-40
INITIALS/SIG.
AG Joseph
DATE
5/18
RTG. SYMBOL
ER-60
INITIALS/SIG.
R. Young
DATE
5/20/81
RTG. SYMBOL
GC-4
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DATE
6/5/81
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Department of Energy
Oak Ridge Operations
P.O. Box E
Oak Ridge, Tennessee 37830

April 23, 1981

Dr. Juan A. Bonnet, Jr., Director
Center for Energy and Environment Research
Caparra Heights Station
San Juan, Puerto Rico 00935

Dear Dr. Bonnet:

NORTH ANNEX LABORATORY (ANIMAL BUILDING)

Reference is made to your letter to me dated February 6, 1981, subject "Use Permit."

We have not responded directly to your question of the use permit to permit the use of the building by the Environmental Quality Board of Puerto Rico since we understood from discussions with your staff and with the Environmental Protection Agency that a use permit arrangement will not be acceptable. The facility used must be Government-owned before the EPA funds can be used to establish the laboratories.

Your letter of March 24 indicated that we had given verbal approval for the use permit and a confirming letter would be forthcoming. Again, no subsequent action was taken due to our later understanding that this would not be acceptable to EPA. The letter from Jose M. Carbonell to Alice Hall, ORO Finance Division, implies that the use permit arrangement is still desired. Please clarify whether a use permit would be acceptable and we will give attention to your request.

The March 24 letter also requested the transfer of title to the building to the University. Our telegram to you dated April 16 gave details on what we can do and when on this matter. Until the radiological survey is completed and the site cleared for unrestricted use, we cannot take any action. The survey should have been completed many months ago.

We will await your response before taking any further action.

Sincerely,

William R. Bibb

William R. Bibb, Director
Research Division

ER-111:JER

cc: H. S. Oster, AD-43, ORO
C. H. Durham, AD-46, ORO ←

4331.2.14

*OK
SOS
file*

CENTER FOR ENERGY AND ENVIRONMENT RESEARCH
UNIVERSITY OF PUERTO RICO

February 6, 1981

Dr. William R. Bibb, Director
Research Division
Oak Ridge Operations Office
U.S. Department of Energy
P.O. Box E
Oak Ridge, Tennessee 37830

SUBJECT: USE PERMIT

Dear Dr. Bibb:

The Environmental Quality Board is an agency of the Puerto Rico Government established for the surveillance and protection of the quality of air, water and land as required under the Health Program of Puerto Rico. CEER has carried out several studies and research projects for EQB in the past, and they now wish to establish closer collaboration with CEER in areas of mutual interest.

At present the EQB is in need of appropriate space located near the health facilities and laboratories which are part of the Medical Center. CEER has 6,679 square feet available in the North Annex Laboratory (adjacent to the Río Piedras Biomedical Building) and EQB has expressed interest in occupying this space. We believe such an arrangement would be beneficial to both organizations, and respectfully request that a Use Permit be approved for this purpose. In addition, would you kindly confirm DOE's intention to transfer the North Annex Laboratory to UPR.

Sincerely yours,

J. A. Bonnet, Jr.
Juan A. Bonnet, Jr.
Director

JAB:rmt

cc: Mr. Pedro Gelabert - EQB
Dr. Weems Clevenger - EPA
Mr. Julio C. Muñiz





Department of Energy
 Oak Ridge Operations
 P.O. Box E
 Oak Ridge, Tennessee 37830

SEP 9 1980

Dr. Juan A. Bonnet, Director
 Center for Energy and Environment Research
 Caparra Heights Station
 San Juan, Puerto Rico 00935

Dear Dr. Bonnet:

CEER ENERGY CONSERVATION MEASURE PROJECT

Reference is made to your letter dated August 25, 1980, providing a list of equipment currently installed in the Main Laboratory Building at Mayaguez which is proposed for use in reconversion of the air conditioning system at Mayaguez as an energy conservation measure. We understand this conversion is to be accomplished with funds granted to the University of Puerto Rico by Region II, U.S. Department of Energy, for this purpose. We also understand that Items 5, Cold Water Holding Tank, and 12, Trane Centrifugal Fan, Model 21 DW DI, are located in areas of the building included in the Decontamination Project, but that their utilization in the Energy Conservation Measure Project can be deferred until the Decontamination Project has been completed.

On the basis of the above understanding, we have no objection to the items of equipment on the enclosed list except for Items 5 and 12 being utilized and incorporated into the Mayaguez Air Conditioning Energy Conservation Measure Project as funded by DOE Region II. In any event, the equipment on the enclosed list will be included in the transfer of title to DOE real and personal property at the Mayaguez site to the University upon completion and final certification of the decontamination of the Mayaguez facility.

We shall appreciate the opportunity to review and comment on the specifications and engineering drawings for the Air Conditioning Energy Conservation Measure Project prior to actual start of work.

Sincerely,
 2EB 3 na 80

ORIGINAL SIGNED BY
 K. M. HAYTHORN
 OFFICE OF ENERGY PROGRAMS AND SUPPORT DIVISION

ER-13:CLY

K. M. Haythorn, Director
 Energy Programs and Support Division

Enclosure:
 List of Equipment

cc w/encl:
 T. H. Hardin, AD-46, ORO
 C. C. Hawkins, CE-52, ORO

EQUIPMENT INVENTORY
**CEER MAYAGUEZ FACILITY AIR CONDITIONING
ENERGY CONSERVATION PROJECT**

1. Boiler - Mfg. Clearer Brooks Co. Milwaukee, Wis.; Model P142-605
Serial No. 0-20263 I.D. # AEC 01-03
2. Fuel Tank - Mfg. Vega Industries Inc., 5,000 Gal capacity, cost \$551.00
I.D. # 04-550-2
3. Hot Water Pump - Peerles Pumps C1020-AM, Serial No. 381157, I.D. # C-09-05
Pump Motor - Baldor 5 H.P. Cat. No. JM3218T 3 ϕ Serial No. 775
4. Vacuum Pump - Beach-Russ Co., Brooklyn, New York, Model No. 250-D, Year-1958
Serial No. 70821 I.D.# 20.021
Pump Motor - Induction General Electric, Model 5K4284A3, Serial No. 5431VR
 ϕ 208 volts, 10 H.P. 1175 P.R.M., TYPE K, Frame 284U
- 5. Cold Water Holding Tank - 170,000 gal. capacity, concrete holding pool water
I.D. # 04-550-1
6. Air Conditioning Unit - Trane Centravac, Size PCV-4F-C2D2, Serial No. L4D17712
Centravac Compressor Motor Data, Motor part No. 70550346 4160 Volts, full load
Amps 59.
7. Cooling Tower, Marley NC Tower, Serial No. 8613 , 58-41018-74 MRP 3
Marley Co., Mission, Kansas

Cooling Tower Motor - General Electric Model 5K284KN2365 No. 0J 25 H.P.
1775 R.P.M. 208 Volts 3 ϕ Serial No. 284TOV Frame Type K

Cooling Tower Pump Motor - Induction Type Louis Allis Co. Model 9364579001
Type: CJX Frame 326U 30 H.P. 3 ϕ 208 volts 60 cycles

Cooling Towe Pump Mfg. Co. ?
I.D. # AEC-09-04-A
- *8. Water Pump G.E. Model 5K4284A2A5 Serial No. 87353TP
- *9. Water Pump - U.S. Electric Motors I.D. # 9305846-180 20 H.P. 3 ϕ Frame 256T
10. Expansion Tank Co. ? Year 1959, Cat. No. 180 Fact. No. BGU6-180 MFG. No. 91296
11. Trane Centrifugal Airfoil Fan Tag. F-1, Model No. CF-36-A-1-DW-3-COW-DB-S-H
Serial No. K5J293404 Type No. 3108-0015-5A, I.D. # 04.246

Fan Induction Motor - The Louis Allis Co., Serial No. 2532563 Type COGX
Frame 324U 25 H.P. R.P.M. 1770, 3 ϕ 208 Volts, 64 amps.
- 12. Trane Centrifugal Fan size 24, T-pe BI Model 21 DW DI Class I Serial No. 51145
Trane Co. La Crosse, Wis.

Fan Induction Motor - Reliance Electric & Eng. Co. A.C. Motor Serial No.
Y 147864A1-HL Type P Frame 256U 10 H.P. 1750 R.P.M. 3 ϕ 60 cycle design B
Code G I.D. # 20.315.

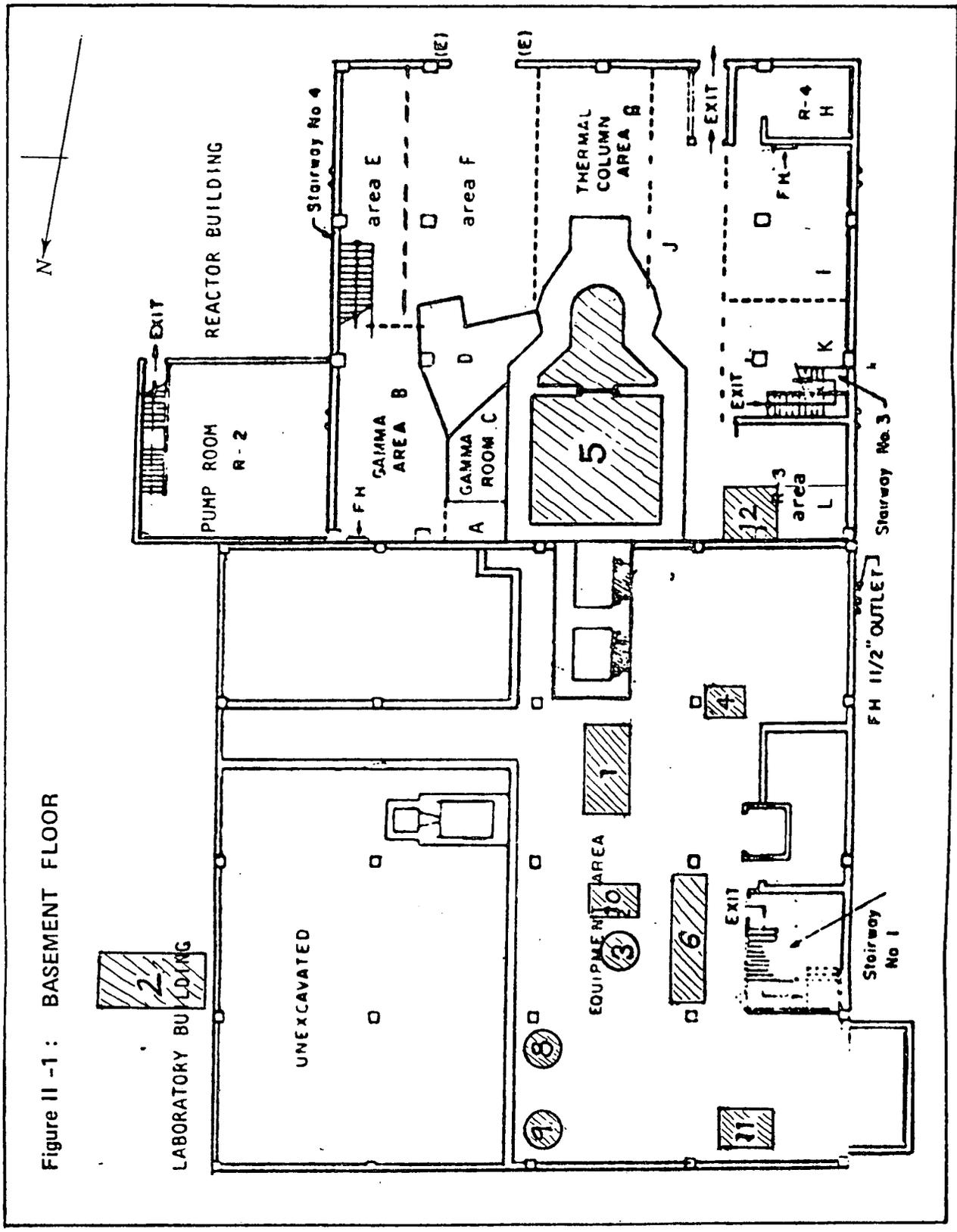
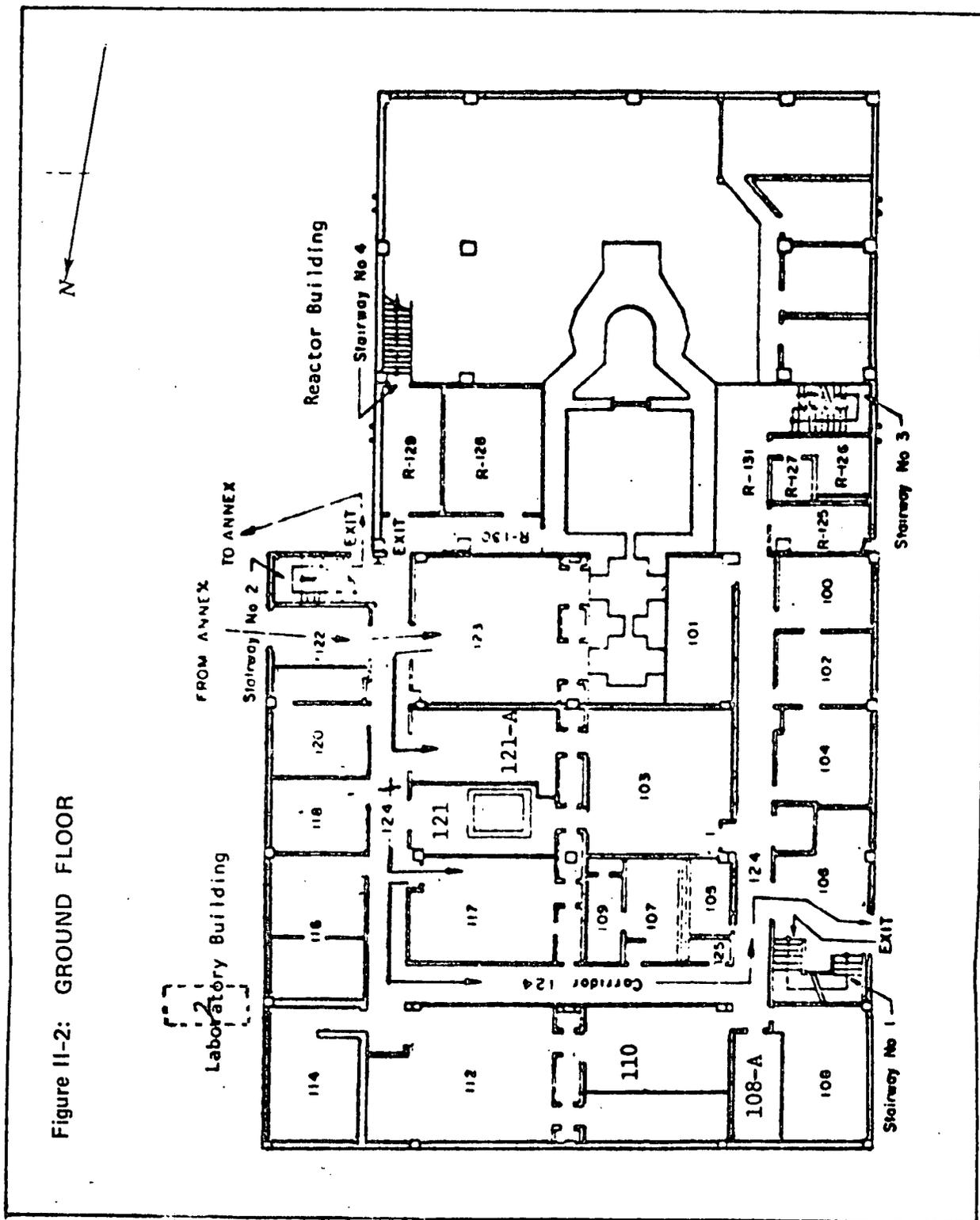


Figure II -1 : BASEMENT FLOOR

Figure II-2: GROUND FLOOR



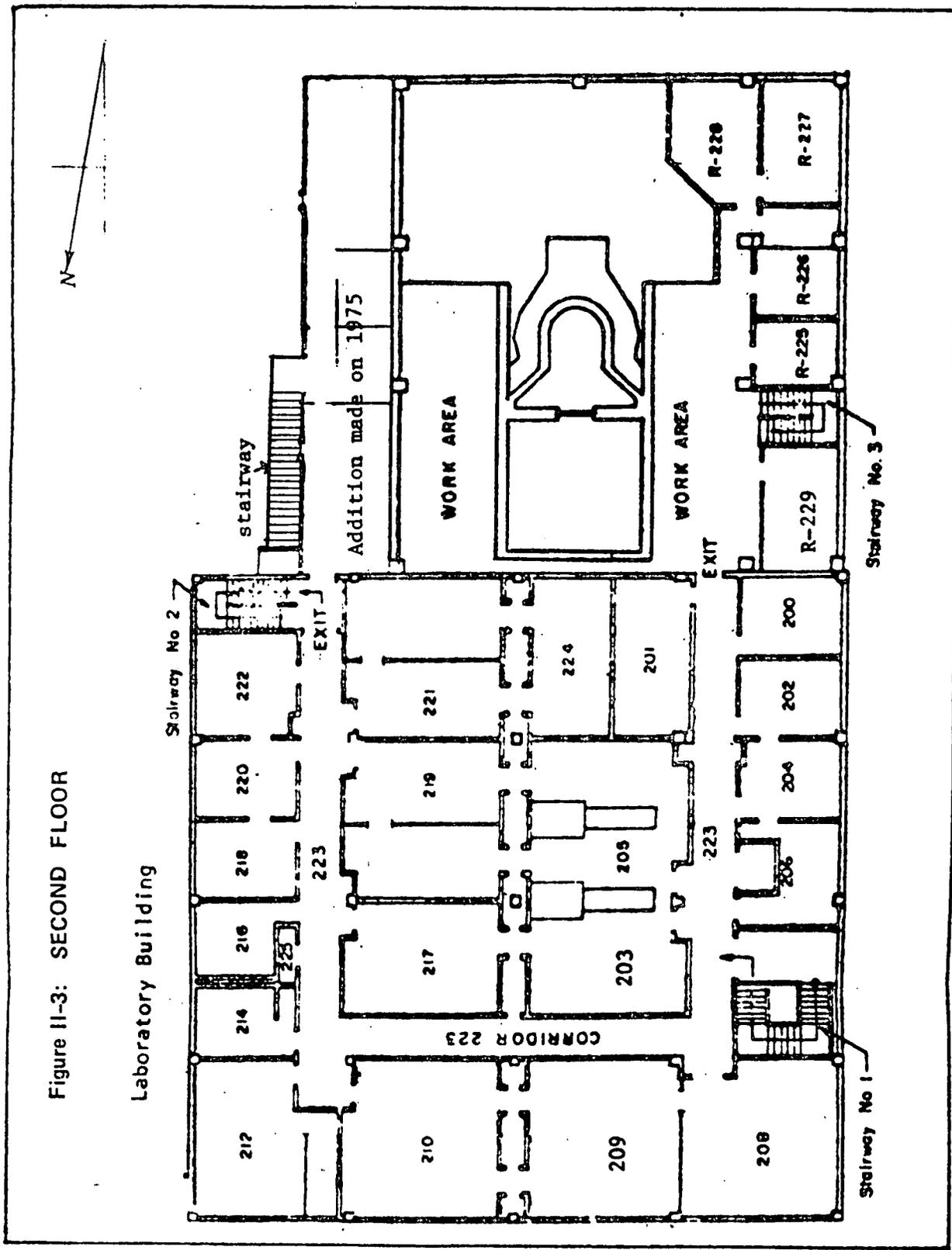


Figure II-3: SECOND FLOOR

Laboratory Building

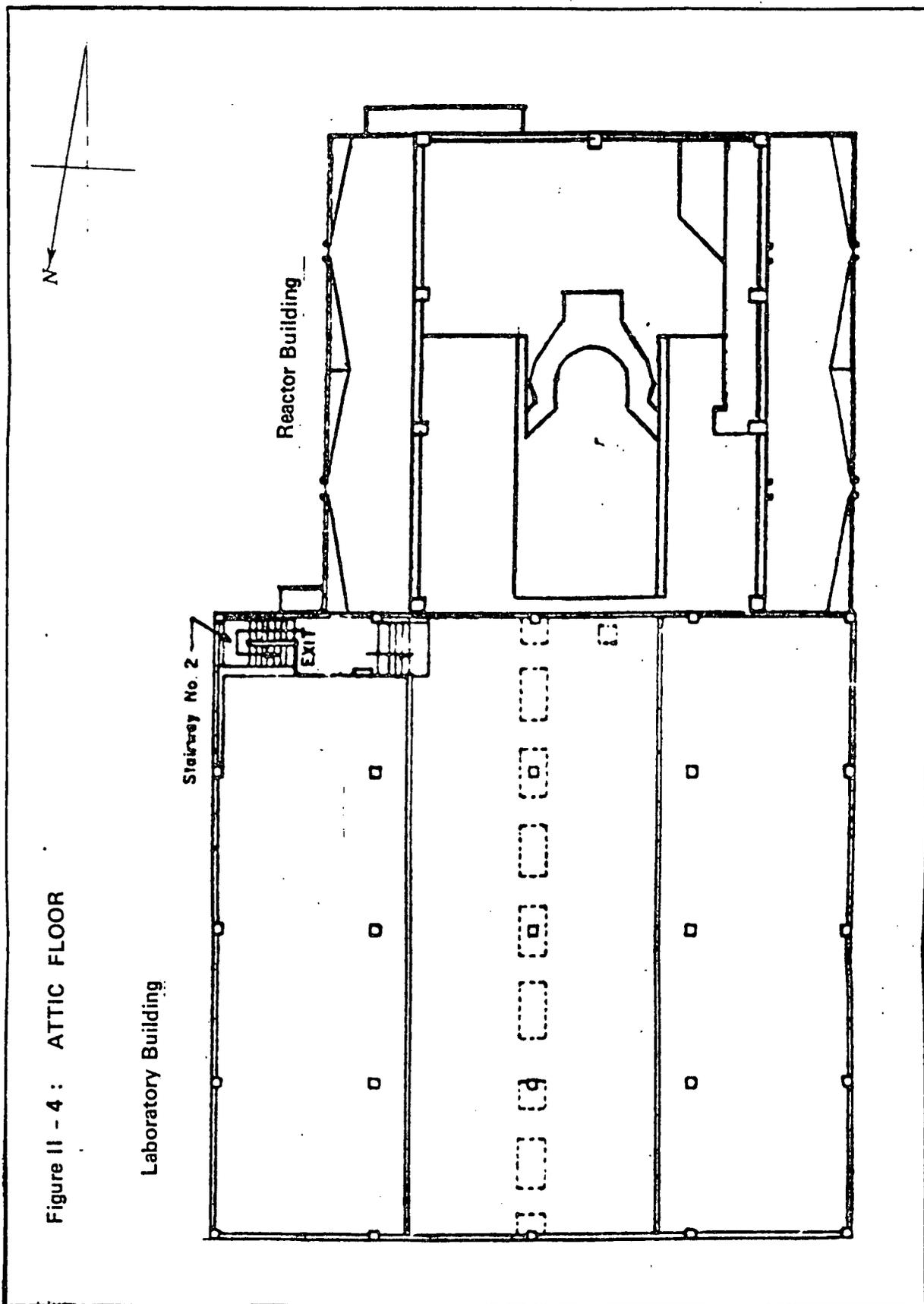


Figure II - 4 : ATTIC FLOOR

Laboratory Building

Reactor Building

Stairway No. 2

EXIT



Department of Energy
 Oak Ridge Operations
 P.O. Box E
 Oak Ridge, Tennessee 37830

est
Bingath W.
Sander
file

MAY 27 1980

Dr. Juan A. Bonnet, Director
 Center for Energy and Environment Research
 Caparra Heights Station
 San Juan, Puerto Rico 00935

Dear Dr. Bonnet:

CEER ENERGY CONSERVATION MEASURE PROJECT

Reference is made to your letter dated April 22, 1980, on the above subject recommending partial transfer of selected facilities at the Mayaguez site to the University of Puerto Rico in advance of transfer title to other DOE properties to the University and that CEER be authorized to proceed with structural modifications needed for an energy conservation project related to the Mayaguez research and reactor facility air conditioning system. Such partial transfer of title is not considered feasible for the following reasons:

1. We understand the radioactively contaminated reactor pool is one of the facilities which would be utilized in the air conditioning conservation project. It will not be possible to transfer the pool or authorize structural modification of the pool until it has been decontaminated and certified to be radiologically clean.
2. Transfer of DOE-owned facilities at Mayaguez will be complicated by the circumstance whereby DOE has use of the land under an indefinite use permit from the U.S. Department of Agriculture. Transfer of DOE-owned facilities to the University will require modification of this USDA permit prior to the transfer, thus introducing a time factor longer than that apparently contemplated in your letter of April 22, 1980.

Sincerely,

ORIGINAL SIGNED BY
 WVA SJR M. H. HARDIN

LOB EMECA KED
 OFFICE OF VES
 T. H. Hardin, Director
 Energy Programs and Support Division

ER-13:CLY

cc: T. H. Hardin, AD-46, ORO ←
 W. H. Travis, MS-33, ORO

4331.2.14



Department of Energy
 Oak Ridge Operations
 P.O. Box E
 Oak Ridge, Tennessee 37830

1. DC Adam
 2. PmB - JAD
 Langley
 [Signature]

MAR 31 1980

H. S. Oster, Director, Finance Division

CLOSEOUT OF CONTRACT NUMBER EY-76-S-05-5001 WITH UNIVERSITY OF PUERTO RICO

Superseding my memorandum of January 2, 1980, to John D. Wagoner (carbon copy provided to you), requesting extension of the period of performance under the above contract, we request closeout of the contract. CEER has recently submitted a letter certification on the research thesis by Luis Jimenez and an article which is based on the experiments and results of the work carried out with the equipment provided under the above contract. A copy of CEER's transmittal letter dated March 17, 1980, with enclosures, is attached.

The requirements of the contract have been satisfied; therefore, the contract should be closed out.

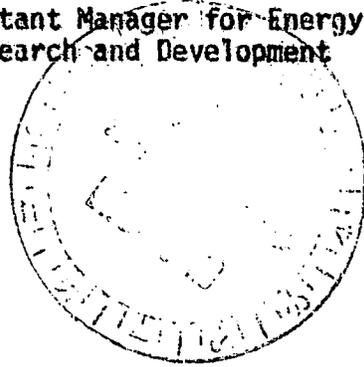
ORIGINAL SIGNED BY
 K. M. HAYTHORN

Joe
 Joseph A. Lenhard
 Assistant Manager for Energy
 Research and Development

ER-111:BLJ

Attachment:
 CEER 3/17/80 ltr, w/encls.

cc w/o atchmt:
 J. D. Wagoner, AD-42, ORO
 → H. Hardin, AD-46, ORO



4331.2.14



Department of Energy
Oak Ridge Operations
P.O. Box E
Oak Ridge, Tennessee 37830

August 8, 1978

Dr. Juan A. Bonnet, Director
Center for Energy and Environment Research
Caparra Heights Station
San Juan, Puerto Rico 00935

Dear Dr. Bonnet:

CEER PROPOSAL TO OCEAN THERMAL ENERGY DIVISION - OTEC BIOFOULING CORROSION
AND MATERIALS STUDY FROM A MOORED PLATFORM AT PUNTA TUNA, PUERTO RICO

Reference is made to your letter dated July 11, 1978, responding to our
June 7, 1978, comments on the subject proposal. We still have the following
questions with regard to this proposal:

1. The Navy's costs for installing the moor have not been included in the cost estimate for the proposed work. It is still not clear whether the Navy will charge for installing the mooring buoy.
2. In case of severe adverse weather conditions, your July 11 letter indicates the Palumbo is to be moved under its own power to Roosevelt Roads, presumably a safe harbor. In the event Roosevelt Roads may be in the path of a hurricane alternate safe harbors need to be identified. Also, the proposal does not appear to have included the routine and preventative maintenance nor the costs therefor to assure the vessel will be able to move under its own power should the emergency need arise. As stated in the proposal, the crew to be aboard the Palumbo will consist of an engineer plus two others. What assurance is there that a qualified ship's officer (Master or Mate's License?) will be available when needed to move the ship under emergency conditions taking into consideration the obligations such personnel may have for the safety of other vessels?
3. The proposal does not include a routine and preventative maintenance schedule nor cost estimate therefor for ship propulsion system to assure that the Palumbo could be moved under its own power during emergency conditions. As necessary, the proposal must be modified to include this requirement.

~~CAF~~ ~~① Dempsey~~ ~~② Biagiotti~~
Langley
File

PLA 2
088 R

August 8, 1978

In relation to overhaul of the Palumbo prior to the voyage to Puerto Rico, we have the following additional comments:

4. In view of the Palumbo's past history of operating problems, the alignment of the main engine with the shaft should be checked and corrected as necessary.
5. The vent system for the Palumbo fuel tanks should be improved to permit more rapid fueling. This will result in a savings on fueling costs as well as reduce the exposure time of this operation during which the hazard of fire is increased.
6. We will need to be advised of the radio frequencies needed by the Palumbo for the voyage to Puerto Rico and for use once it is on station in Puerto Rico. ✓
7. A seaworthiness inspection will be required prior to the voyage to Puerto Rico. Please advise us when a definite overhaul schedule has been established so that we can arrange for an appropriate Coast Guard Inspection.

The Division of Biomedical and Environmental Research has advised that the Palumbo can be made available for the proposed research. However, the \$17,000 at Savannah River which was anticipated in the proposal for offsetting a proportion of the overhaul costs cannot be made available. It has been already reprogrammed for other use. The proposal should be revised accordingly.

If this work is to be performed under the DOE contract, the points discussed above must be satisfactorily resolved before we can authorize the work subsequent to our receipt of appropriate Headquarters program-budget authorization. We shall also need a firm written commitment from the Navy including an estimate of costs to be borne by DOE for installing the deep water moor for use in developing an appropriate interagency agreement for the mooring work. Upon receipt of your satisfactory response to the points discussed above and an appropriate program-budget authorization for the proposed work, we will take action including arrangements with Savannah River Operations for the transfer of the Palumbo for the accomplishment of this work by CEER.

Sincerely,



Joseph A. Lenhard, Director
Research and Technical Support Division

ORR:CLY

cc w/HQ memo dtd 7-18-78:
R. A. McFeely, SR
cc w/o HQ memo dtd 7-18-78:
C. A. Keller
T. H. Hardin ←
H. S. Oster
T. W. White (2)

more
CEER

JA P.M.B.



*Jack
Brazzette
Brazzette
file*

Department of Energy
Oak Ridge Operations
P.O. Box E
Oak Ridge, Tennessee 37830

APR 13 1978

P. L. Holbrook, Assistant Director for Audit Operations, Office of Performance Evaluation

CEER, AUDIT OF FINANCIAL FUNCTIONS, DRAFT REPORT NO. 8-11-1

As requested by your 2-Way Memo of April 5, following are our comments on the draft audit report of CEER's FY 1977 financial functions:

1. It is our understanding that as a result of further review between the auditors and Charlie Jackson, the finding reported under III.D.2 pertaining to the cost reduction of \$108,000 will be deleted. This deletion will also remove the finding for requiring the approval of the ORO Contract Administrator for a cost overrun in FY 1977.
2. The finding reported under III.C.2 concerning the purchase of equipment with the operating funds provided to CEER for its Institutional Program involves a complex situation. The CEER FY 1977 proposal for this program and the ORO transmittal of this proposal to Headquarters on May 28, 1976, both indicated the plan to acquire equipment with the institutional funding. The ORO transmittal comments included the following: "This is based on the assumption that title to this equipment will vest in UPR in the same manner as ERDA off-site research contracts with universities." To take care of this contractual plan as well as many other changes associated with the CEER transition authorized by the Action Memorandum dated April 11, 1976, I sent a memorandum dated June 17, 1976, to the ORO staff outlining all of the new contractual arrangements that would be required, including the vesting of title in UPR for property acquired with the institutional funding. After many meetings and much discussion, the ORO staff could not decide how to proceed to modify the UPR contract and recommended that we put off the action until the details were better understood.

The main problem was concerned with how to rewrite the UPR contract to recognize the gradual change from GOCO to non-GOCO operation. As a result nothing was done, including making provision for vesting of title in UPR for the institutional equipment.

We will shortly be making the first programmatic transfer of CEER facilities and equipment to UPR (Cornelia Hill). As a result, we are reinitiating our request for ORO staff action to develop an appropriate modification to the UPR contract. This modification will provide for vesting of title in UPR of property acquired with institutional funding retroactive to October 1, 1976. Until this contract modification action is completed, we would have no objection to the equipment funding question being established as an open audit item.

The third paragraph under III.C.2 is an inaccurate interpretation of a casual conversation between Mr. Haythorn and Mr. Gentry and certainly not a "stated opinion." Our stated opinion is stated above if you wish to include any reference to our opinion in the audit report.

Since the contractor was following the instructions and authorizations of the contract administrator in funding the institutional property acquisition, we do not believe there is any basis for requesting the contractor's management comments on the audit finding. Until the issue of vesting title in UPR is resolved through contractual action, the contractor will not be requested to make any reviews or accounting adjustments involving these transactions.

The finding reported in the second paragraph under III.C.2 with respect to costing some \$27,000 in FY 1977 for equipment not received by CEER as of September 30, 1977, is a separate issue to be answered by CEER. It is suggested that this finding be established separately since it is independent of the question of acquiring equipment with operating funds. This will provide for separate management comments and separate disposition as an open audit item.

APR 13 1978

P. L. Holbrook

-3-

We have no comments on any of the other audit findings.

Original Signed by
Joseph A. Lenhard

Joseph A. Lenhard, Director
Research and Technical Support Division

OR:KMH

cc: C. W. Hill
H. S. Oster
T. W. White (2)
T. H. Hardin

FILE
LEER-Disposals
(General)



Brigante
FATS
Langley
ALM
Mansfield
Fula

Department of Energy
Oak Ridge Operations
P.O. Box E
Oak Ridge, Tennessee 37830

January 23, 1978

Union Carbide Corporation
Nuclear Division
ATTN: Dr. Herman Postma, Director
Oak Ridge National Laboratory
Post Office Box X
Oak Ridge, Tennessee 37830

Center for Energy and
Environment Research
ATTN: Dr. Juan A. Bonnet, Director
Caparra Heights Station
San Juan, Puerto Rico 00935

Gentlemen:

LOAN OF EQUIPMENT TO VENEZUELA

Reference is made to my letter to you dated November 10, 1977, and your subsequent reply giving a cost estimate for packaging and crating the equipment for shipment to Venezuela.

Enclosed is a copy of Contract No. AT-(49-14)-3090 between DOE and the Government of Venezuela covering the equipment loan to the Instituto Venezolano de Investigaciones Cientificas (IVIC) until December 31, 1982. In returning the signed contract to DOE Headquarters IVIC requested that the equipment be shipped by air freight and properly insured.

Paragraph 3 of the contract provides that all costs incurred in shipping the equipment will be at IVIC's expense. In view of the request that the shipment is to be by air freight and this method might be more expensive than anticipated by IVIC, please notify by cable IVIC at the following address of the estimated charges to be billed to IVIC by this method (include in the estimate the packaging, crating, transportation, and insurance charges):

Mr. Luis M. Carbonell, Director
Instituto Venezolano de Investigaciones Cientificas
Apartado 1827
Caracas, Venezuela

UCCND/CEER

-2-

January 23, 1978

After acknowledgement of the amount of the estimated costs and the shipping address to use, you are authorized to ship the equipment and bill IVIC for the costs incurred. For the present time please keep the property accountability on the books of your organization and indicate a loan under the referenced contract.

Sincerely,


/s/

Joseph A. Lenhard, Director
Research and Technical Support Division

ORA:JER

Enclosure:
Contract

cc w/o encl:
R. F. Hibbs, UCCND
C. A. Keller
→ T. H. Hardin

cc w/encl:
H. S. Oster

4
12 10

CENTER FOR ENERGY AND ENVIRONMENT RESEARCH

Divisions and Projects

Revised - 12/15/1977

Overhead Departments:

1. Director's Office
2. Administration & Services
42. Information & Education Services
52. Technical Services Department

Program GK

Base Program (GK)

3. Materials Sciences
6. Health and Safety
8. Radiation Oncology
9. Nuclear Medicine
12. Human Ecology
25. Nuclear Technology
38. Marine Ecology
56. Medical Physics
77. Terrestrial Ecology Division

Training Program:

14. Photo-Chemical Conversion of Sunlight
16. Education and Training
17. Multidisciplinary Energy Curriculum Development Program
41. Studies on Surfaces of Electrodes
46. Undergraduate Training in Energy and Environmental Research
49. Study of the Optical and Aging Characteristics of Various Selective Surfaces
50. School of Physics
53. College of Engineers and Architects
63. International Energy Development Conference
64. Consumer Guidelines in Solar Energy Utilization
68. Energy Crisis: Problem Without Solution

Developmental Program:

15. Developmental Program
29. Heat Transfer Study as a Function of Biofouling (OTEC)
65. Thermal Conversion of Solar Energy
66. Energy Conservation in the Residential Sector by Shading and Insulation of a Typical P. R. House

Institutional Program:

40. Recovery and Solubilization of Petroleum Derivatives by Micelle Forming Surfactants
47. Institutional
48. Expansion of the Saccharum Genetic Base with Growth-Regulatory Chemicals
54. Social Aspects of the Espiritu Santo Drainage Basin
57. Direct and Diffuse Insolation Measurements (Phase II)
59. Energy Conservation in Transportation in Puerto Rico: A Policy Study
61. Solar Technology
67. Studies on the Surfaces of Electrodes Used in Fuel Cells
69. A Resources Management Approach for the Espiritu Santo Basin

Division Heads/Project Leaders:

- Dr. Juan A. Bonnet, Jr.
Mr. Luis E. Boothby
Mr. Paul Harrison
Mr. Nelson Quiñones

- Dr. Mortimer Kay
Miss Nimia Irizarry
Dr. Víctor Marcial
Dr. Aldo E. Lanaro
Dr. William Jobin
Dr. Knud B. Pedersen
Dr. Juan G. González
Mr. José C. Pacheco (Dr. Marcial)
Dr. Richard Clements

R. Selsby and L. Echegoyen RP
Mr. Paul Harrison

Dr. N. Azziz
Dr. Vassos and Dr. Blum RP

Dr. F. A. Herrero (Mrs. Alfaro)

Dr. S. V. Weisz (Mrs. Alfaro)
Dr. N. Azziz

Mr. Paul Harrison

Dr. Heriberto Plaza
W. Miranda R.P.

Dr. Ugur Ortobasi

Dr. Donald S. Sasscer
Dr. S. V. Weisz

Dr. Heriberto Plaza

Dr. G. A. Infante - Ponce

Dr. A. Alexander

Mr. Pedro Soto — RP

Dr. K. G. Soderstrom

Dr. J. Mayda — RP
Dr. Ugur Ortobasi

Dr. L. Blum and B. Vassos RP

Ortiz and López Pumarejo RP

Institutional Program (Cont...)

- 72. Design, Testing and Evaluation of a Solar Air Conditioning Machine
- 74. Thermal Energy Storage at Medium and High Temperatures
- 75. Ferroelectric Converters
- 78. Energy Policy Study
Puerto Rico Energy Office

Division Heads/Project Leaders:

- Dr. F. Plá
- Dr. R. A. Singh
- Dr. H. Kay
- Dr. Castellón — RP

Research Program:

- 13. Marine Pollution Studies
- 21. Terrestrial Ecology Project
- 58. P. R. Energy Model
- 60. Desulfurization of Organo-Sulfur Compound
- 71. Sultana
- 79. Fossil Fuel
- 82. Hydroelectric Power
- 83. Environmental Research Park

- Dr. Juan González
- SJ Dr. R. Clements (Mrs. Alfaro)
- Dr. J. A. Dávila (Mrs. Alfaro)
- Dr. Juan J. Rigau
- Mr. Angel L. Nazario (Dr. González)
- Dr. J. Chiriboga (Mrs. Alfaro)
- SJ Dr. W. Jobin (Mrs. Alfaro)
- SJ Dr. R. G. Clements (Mrs. Alfaro)

Program RU:

- 22. Decontamination Study

Mr. Héctor Barceló

Program 40 (RWOFA) (40 04 08):

- 76. Sediment Study

Dr. G. Goldman (Dr. González)

Program WA (WA 02 19 03):

- 62. Neutron Diffraction-NSF
- 73. Control Schisto.

M Dr. Mortimer Kay
SJ Dr. W. Jobin (Mrs. Alfaro)

Other Programs:

- 81. Biomass

Dr. Alex Alexander

File
EYS - LOANS
ORNL & CEER



[Handwritten signature]
AZ [unclear]
File

Department of Energy
Oak Ridge Operations
P.O. Box E
Oak Ridge, Tennessee 37830

November 10, 1977

Union Carbide Corporation
Nuclear Division
ATTN: Dr. Herman Postma, Director
Oak Ridge National Laboratory
Post Office Box X
Oak Ridge, Tennessee 37830

Dr. Ismael Almodovar, Director
Center for Energy and Environment Research
Caparra Heights Station
San Juan, Puerto Rico 00935

Gentlemen:

LOAN OF EQUIPMENT TO VENEZUELA

We are enclosing a copy of Contract No. AT-(49-14)-3090 between DOE and the Instituto Venezolano de Investigaciones Cientificas (IVIC), Venezuela, covering the loan of equipment to IVIC.

This contract has been prepared after determining with your staff that the items are available for transfer. Part of the equipment is located at ORNL and some at CEER. Those items marked with an asterisk are located at CEER. We would appreciate your providing us with an estimate of the costs for packaging and crating the equipment for shipment to IVIC.

No action should be taken to package the equipment until we inform you that the contract has been signed.

Sincerely,

[Handwritten signature]
Joseph A. Lenhard, Director

Research and Technical Support Division

ORA:JER

Enclosure:
Contract

- cc w/o encl:
- R. F. Hibbs, UCCND
- C. A. Keller
- H. S. Oster
- T. H. Hardin



UNITED STATES
ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION

OAK RIDGE OPERATIONS
P. O. BOX E
OAK RIDGE, TENNESSEE 37830

AREA CODE 615
TELEPHONE 483-8611

~~1. Harold~~
2. P.M.B. -
710B
Langley
R.L.M.

June 15, 1977

Dr. Ismael Almodovar, Director
Center for Energy and Environment Research
Caparra Heights Station
San Juan, Puerto Rico 00935

Dear Dr. Almodovar:

CEER TRIGA REACTOR HEAT REMOVAL SYSTEM

Enclosed for your information is a copy of a letter from ERDA Headquarters dated May 25, 1977, to Dr. Young Ku Yoon, Korea Atomic Energy Research Institute, transmitting Contract No. E(49-14)-3088 covering the loan of the heat removal system.

The letter indicates that Dr. Yoon is to contact you to make arrangements for the packaging and pickup of the equipment. To be sure that the matter is properly handled, please do not take any action to move the equipment until we inform you that the contract has been signed.

The letter also indicates that the Puerto Rico Marine Management Company will be handling the shipment arrangements. Paragraph 4 on page 2 of the contract indicates that ERDA (through CEER) will make the equipment available FOB at Mayaguez. From previous information we understand that Sea-Land Services will provide an 8' x 8' x 35' closed van-type container at Mayaguez. We would consider that CEER's responsibility ends after the equipment has been loaded and blocked in the container.

You should prepare the documents to transfer title to the property to Argonne National Laboratory at the time you complete the loading. You should indicate the value of the equipment on the transfer document.

Dr. Ismael Almodovar

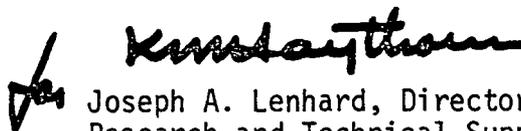
-2-

June 15, 1977

All costs incurred for packaging and handling should be cash billed to ANL as soon after the loading as possible.

Please keep us advised of your progress on this matter.

Sincerely,



Joseph A. Lenhard, Director
Research and Technical Support Division

OR:JER

Enclosure:
Ltr 5-25-77 w/enc1

cc: → T. H. Hardin
H. S. Oster
T. W. White (2)



UNITED STATES
ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION

OAK RIDGE OPERATIONS
P. O. BOX E
OAK RIDGE, TENNESSEE 37830

AREA CODE 615
TELEPHONE 483-8611

July 19, 1976

- C. W. Hill, Chief Counsel
- H. S. Oster, Director, Finance Division
- T. H. Hardin, Director, Supply Division
- D. A. Horsewood, Director, Organization and Personnel Division

CEER TRANSITION TASK FORCE

Based on the responses received to my June 17 memorandum, "Discontinuation of PRNC as a GOCO Operation," it is obvious that a great deal more individual and joint understanding is required by key ORO organizational units as to the new operating objectives for CEER and the resulting problems in the areas of contractual provisions, property disposal, financial arrangements, and personnel policies. If we are to make any progress in understanding and solving these problems, it now appears that we should organize an ORO task force to jointly work out the CEER transition from GOCO to COCO.

Accordingly, I would like to request that each addressee designate a staff member to serve on the task force. I have designated Ken Haythorn to serve as chairman of the task force and Jim Rounsaville to serve as a member. Other ORO organizational units will be called upon to assist the task force as required for specific problems.

As I have indicated previously, ORO has had this assignment since early May and our progress has been minimal. Therefore, please provide your task force member designation to Ken Haythorn by COB, Wednesday, July 21. The first meeting of the task force will be held in Ken Haythorn's office on July 22, beginning at 9:00 a.m.

Your cooperation in providing a staff member to serve on the CEER Transition Task Force is appreciated.

Joseph A. Lenhard
 Joseph A. Lenhard, Director
 Research and Technical Support Division

OR:JAL

- cc: C. A. Keller
- W. R. McCauley
- J. W. Range
- F. O. Christie
- T. W. White
- W. H. Travis
- W. T. Sergeant
- E. L. Keller
- H. O. Baker

Haythorn advised by memo on 7/20/76 that they would require a memo from you. No memo required.



Property Br.

NOTE

July 13, 1976

Copies to: R. J. Hart
C. A. Keller
W. R. McCauley
T. H. Hardin ←
F. O. Christie
H. S. Oster
W. H. Travis
K. D. McCasland
K. M. Haythorn
W. D. Adams

CEER - UPR STATUS REPORT

Results of discussions with Almodovar:

1. First of all I would like to encourage OR staff and legal groups to move out with positive assistance to R&TS in the matter of CEER. There are changes in contract, agreements, funding controls, overhead accounts, etc. which must be instituted, at least in some preliminary fashion, in order to plan for and execute the FY-77 program at UPR-CEER. OR will be subject to considerable embarrassment if we don't get the changes made in time to effect the FY-77 programs. UPR will be working in and paying for costs of ERDA facilities, some employees who were principally PRNC before will be working wholly in UPR facilities, some new FY-77 projects for CEER will be totally located in UPR facilities and carried out by UPR employees who have never been associated with the ERDA contract. This is new and different and surely requires some changes -- What are these and how do we get them into being?
2. The 42 employees were terminated with little flap on June 30.
3. Bill Pierce is quite ill and in hospital -- will be out some time.
4. About 30% of terminees have been placed in UPR. As a result only \$70K of termination funds is needed, and \$30K of 76A funds is freed up. Al wants to start an exploratory direct solar conversion study related to the 189 that DPR liked. He would have a researcher plus two grad students for the summer. That plus materials, supplies, etc. comes to \$30K.

NOTE

-2-

July 13, 1976

I told Al to propose this to me and I would promptly approve.

5. Peterson at Mayaguez has qualified as senior reactor operator to back up Dick Brown. Both L-77 and TRIGA.
6. CEER told UPR they were cutting off power, water, janitor services, etc. to the annex greenhouse at Mayaguez on June 30. UPR has the only experiments in there. UPR agreed to pay for the utilities and janitor services. This is essentially takeover by UPR of an ERDA facility.
7. Another early start on '77 programs. A part-time UPR-CEER nuclear engineer wants to retrain in Conservation. He has a year's university sabbatical which started July 1. He has plans for study at Alabama Power Company and some limited time at IEA. CEER cost of this will be \$10K for the year. I told Al to propose and we would promptly approve.
8. Al said UPR ideas for reduction of overhead activity (reporting, ERDA procedures, etc.) would be here in about a week.
9. Al is concerned that he be given some advice on plans for use of the institutional funds. Because of the nature of the funds he would like to propose that no CEER overhead be applied to them. I told him we didn't have any guidance yet and we were certainly delinquent in this regard. I did agree that CEER overhead on what amounts to a grant to UPR didn't seem reasonable.
10. Al also asked about CEER overhead on projects to be entirely executed in UPR facilities with UPR staff. Also he asked about costs for utilities, space, etc. in these facilities. I agreed these were important matters on which ORO owed him a response in time to plan for FY-77 programs and costs.

NOTE

July 13, 1976

-3-

11. The PRWRA boat is now ours. The PALUMBO crew is fixing it up after which they will all be terminated on August 1.
12. GSA has "come through" with two new vehicles. Apparently this is a result of OR Supply Division prompting. Al now seems happy with GSA. He will make an appeal to continue indefinite use of GSA cars -- even after CEER is owned by UPR.
13. A bright young Puerto Rican Ph.D. has contacted Al to get a post doc assignment in Solar. He asked for help in locating a suitable assignment and perhaps ORAU support in the states. If the Ph.D. turns out well CEER may hire him. Bill Adams, follow up.



Joseph A. Lenhard



UNITED STATES
ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION

OAK RIDGE OPERATIONS
P. O. BOX E
OAK RIDGE, TENNESSEE 37830

AREA CODE 615
TELEPHONE 483-8611

JUN 15 1976

Dr. Arturo Morales Carrion
President
University of Puerto Rico
G.P.O. Box 4984-G
San Juan, Puerto Rico 00936

Dear Dr. Morales:

ESTABLISHMENT OF CENTER FOR ENERGY AND ENVIRONMENTAL RESEARCH (CEER)
OF THE UNIVERSITY OF PUERTO RICO

With the public announcement of the ERDA-UPR joint agreement to proceed with plans for expanding the breadth of ERDA program assignments to UPR and transferring the Federally owned PRNC facilities to UPR to form a base for the "Center for Energy and Environmental Research" (CEER), we are now ready to proceed with further planning and actions. We are enclosing extra copies of the plans as approved by the ERDA Administrator for your use in our forthcoming effort to develop details of the changes. We were delighted to learn during the recent visit to Puerto Rico by Messrs. Yarymovych and Lenhard that UPR is as enthusiastic concerning this broadened developmental program as we are in Oak Ridge.

As noted in the approved plan, the complete transition from the current to the planned mode of operation will probably take three years. However, it will be necessary for our staffs to begin working promptly on transition plans and on an ERDA-UPR agreement establishing the plans, objectives, and understandings for accomplishing the transition to the broader scope and operation of CEER in UPR owned facilities. We will be forwarding some draft-agreement ideas for your consideration within a month or so. Our joint aim in this regard should be the development of a final agreement or letter of understanding by January 1977.

There are facets of the change which should profitably be carried out promptly. As discussed during the recent meetings in Puerto Rico, we have agreed to change of the name of ERDA owned facilities to the "Center for Energy and Environmental Research" (CEER) of the University of Puerto Rico. We will officially effect this change within ERDA upon receipt of your advice establishing the effective date of the name change.



Dr. Arturo Morales Carrion

-2-

JUN 15 1976

Also in the nature of early changes, we recognize that CEER administrative staff will soon be greatly diminished from that which existed in PRNC. Accordingly, it will be desirable to decrease the accounting, administrative, and reporting burden on UPR as much as is possible within Federal regulations. Hopefully, accompanying this would be the provision of more flexibility to UPR to operate the CEER more nearly as an ordinary university component. It will not be possible to effect complete changes in this regard so long as the various facilities remain in ERDA ownership. However, we would appreciate your early recommendations regarding those ERDA controls, limits, procedures, and requirements which would have greatest work reduction impact on UPR-CEER if they could promptly be relieved or modified.

Since CEER activities will be carried out in current UPR facilities as well as the previous PRNC facilities and by UPR staff members not previously associated with PRNC as well as those employed under the ERDA contract, it is necessary that we move at the earliest time to authorize the University to use its best judgment (in the absence of specific ERDA contract or program direction) in the use of ERDA facilities and equipment, assignment of UPR staff, selection of studies and other matters in furthering our joint objectives. We will give UPR in this connection as much flexibility as possible to apply available contract funds within general guidelines established by ERDA. Our aim in providing this authority will be to permit the widest practicable area for decision by UPR without referral to us except where UPR would desire our participation and except where the contract may require an ERDA decision.

There are other aspects of the transition which deserve early UPR attention. The first of these is the initiation of UPR contacts with the Nuclear Regulatory Commission (NRC) regarding requirements for the acquisition by UPR of licenses for the possession and use of radioisotopes in the various facilities when they are transferred to UPR. In this regard, we would suggest the first effort be devoted to the Rio Piedras facility which presents simpler problems and will develop a UPR-NRC rapport. Of follow-on importance will be initial discussions with NRC in regard to the Mayaguez facility and the L-77 Reactor. The outcome of these discussions will necessarily be reflected in the \$50K study of decontamination requirements for Mayaguez which we plan to authorize for FY 1977.

Your early thoughts and recommendations with regard to the above items as well as other aspects of the full transition to CEER will be helpful.

Again, we feel these plans for broadened and developmental UPR-ERDA programs present a unique opportunity for mutual benefit and look forward to

Dr. Arturo Morales Carrion

-3-

JUN 15 1976

continuing productive relationship with the University of Puerto Rico.

Sincerely,



R. J. Hart
Manager

OR:JAL

cc: M. I. Yarymovych, HQ
R. G. Romatowski, HQ
J. L. Liverman, HQ
C. A. Keller, OR
W. R. McCauley, OR
C. W. Hill, OR

Larsen

Larsen
6/11/76

Comments re land for PRNC operations:

Land in Puerto Rico is very expensive and the sites involved with PRNC are at locations much desired for many uses (exception the Rain Forest, as to which we have only a use permit from the Forest Service).

The Mayaguez site is by agreement from USDA which itself has only a use ("usufruct") and there was some doubt that the USDA-AEC agreement was itself permissible (would not result in the Commonwealth claiming that USDA had abandoned the condition of its claim on the land).

Presumably, the planned transfer to the University can be worked out with USDA and with Commonwealth officials to produce the desired result. (a bizarre arrangement might be deliberate cessation of all U. S. funded activity to trigger return to the Commonwealth which could then put the property in UPR hands)

The Rio Piedras site is in a medical center which controls the type of activity permitted there. Work entirely disconnected from medical fields may or may not be possible (experiments on improved combustion of cane pulp probably would be impossible). AEC's (ERDA's) acquisition of the land was for the purpose of establishing the biomedical facility. It was always understood and sometimes recognized that such use was all that could be made of the site, and that this limitation was acceptable. The donor of the property stipulated that it was for the purpose of maintaining a tuberculosis hospital. This was a real problem to AEC and to the U. S. Attorney General's Office, which was finally resolved by accepting an opinion of the Commonwealth Justice Department that noted (1) under the circumstances and Puerto Rico law the right to enforcement of the condition was personal to the donor -- long since deceased -- and (2) under Puerto Rico law there is a concept like the cy pres doctrine that where a charitable trust condition can no longer be carried out -- in this case due to the virtual elimination of TB and/or the changed methods of treatment -- application of the trust property to generally similar purposes will be considered a proper subservience to the donor's wishes. In our case the plan to use the property for biomedical research was considered to be such a similar use.

This history suggests both freedom from problems in further transfer by the U. S. and limitations on that transfer. It would seem both necessary and proper to recite that the transfer is of only such rights as the U. S. possesses in light of the conditions noted above. It would also seem to pose no necessary problem to the University which presumably will be conducting research of medical or related character, or if it wants to change, will be on notice that its other uses may be subject to whatever right of challenge may still exist.

The Cornelia Hill property seems to present the minimum of unusual questions, and the related lease of property for the dock the least of all, once the programmatic decision is made to discontinue operations directly on behalf of the Government.

The Rain Forest location has from the inception been at the discretion and sufferance of the "Forest Service" (don't now recall whether U. S. Interior Forest Service or U. S. Agriculture Forest Service). It would seem desirable to withdraw ERDA from the role of intermediary between the custodial agency and the University if at all possible.



NEWS

from

June 3, 1976

OAK RIDGE OPERATIONS
UNITED STATES
ENERGY RESEARCH
& DEVELOPMENT ADMINISTRATION
Oak Ridge, TN 37830

FOR IMMEDIATE RELEASE
NO. 50

Telephone No. - Area Code 615
483-8611 - Extension 3-4231

ERDA AND UNIVERSITY OF PUERTO RICO AGREE ON ARRANGEMENT TO STRENGTHEN RESEARCH FOR BOTH

The Energy Research and Development Administration (ERDA) and the University of Puerto Rico have agreed to a new long-term arrangement which will strengthen research on energy problems for both.

As part of the agreement, more than \$9 million in buildings and equipment, which now belong to ERDA's Puerto Rico Nuclear Center (PRNC), will be transferred to the University over a three year period.

The facilities will form the core of a new Center for Energy and Environmental Research (CEER) which the University is establishing in cooperation with the Government of the Commonwealth of Puerto Rico.

In addition, ERDA expects to provide a total of more than \$12 million in funds for the fiscal years 1977-1982 for ERDA research projects, to develop research experience and staffing at the University and to support the fledgling energy and environment center.

With the concurrence of the Council on Higher Education and the University's Board of Trustees, the new agreement is expected to be negotiated over the next six to eight months. It will be ready for formal signing by the University's President Dr. Arturo Morales Carrion, and ERDA's Administrator Dr. Robert C. Seamans in early 1977.

Tom: Lenhard told me we should ^{not} plan any further appraisals of PRNC. Suggest Biagiotti or Langley meet with Finance to discuss supply's part, if any, ^(more) in effecting the orderly transfer of facilities & equipment. This probably be an administrative transfer.

The Puerto Rico Nuclear Center was established in 1957 by the U. S. Atomic Energy Commission (AEC) under the Atoms-for-Peace program. It is operated for the Federal government by the University under a long term contract.

The original mission of the PRNC was to train students from Puerto Rico, the Caribbean and Latin America, in nuclear medicine and nuclear sciences and engineering.

In addition, over the years, it has developed a special excellence in environmental research on potential effects of energy activities in the tropics.

The PRNC, its programs and facilities were transferred to ERDA in January 1975 when ERDA was established. In March, 1976, ERDA and the University signed an extension of the management contract.

Since then, however, ERDA and the University have expressed a need to refocus the PRNC programs towards a broader range of energy sources and issues.

Dr. Morales Carrion early in 1975 set up a University-wide committee on energy to suggest new options. Since then, the University and the Commonwealth have indicated a desire to establish an energy and environmental center, using the PRNC as a base, to help solve the unique problems of the island.

A Joint Task Force was named by ERDA and the University to study the possibilities for accommodating both interests.

The Task Force recommended that the basic arrangements between the University and ERDA be changed and that the contract be renegotiated.

By removing the PRNC facilities from the status of a government-owned facility, the University will be able to use them as a basis for bidding on ERDA, other Federal and private requests for contract proposals.

The Task Force recommended that the facilities be transferred over three years so the University can work maintenance and accounting for them into its normal budgeting procedures in an orderly way.

It also was recommended that ERDA provide training, development and institutional support to the University and the new center over a five year period to help them develop an experienced staff and resources which could be used for research on energy problems of mutual interest to Puerto Rico and to ERDA.

ERDA funded research on potential effects of energy activities on the tropical marine environment, the human environment and on the tropical rain forests will continue under this agreement with the University.

The ERDA/PRNC facilities which will be transferred to the University include a large office and medical building on the University's Medical Science Campus in Rio Piedras; office and laboratory buildings, including a small nuclear reactor used for training, located next to the UPR campus at Mayaguez; and a laboratory and offices at Cornelia Hill on the south coast of the island.

PRNC laboratories and equipment in the Loquillo National Rain Forest and the permit from the U. S. Forest Service to conduct research in the forest also will be transferred to the University.

#

(NOTE TO EDITORS: This information is being issued simultaneously with ERDA's Headquarters in Washington, D. C.)

June 3, 1976



UNITED STATES
ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION
WASHINGTON, D.C. 20545

April 30, 1976

6108

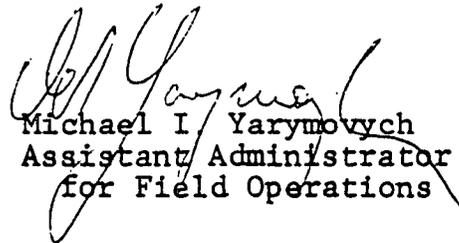
Robert J. Hart, Manager, ORO

ACTION MEMORANDUM ON PUERTO RICO NUCLEAR CENTER

The Administrator has signed the enclosed Action Memorandum which authorizes a change in the arrangement with the University of Puerto Rico for management of the Puerto Rico Nuclear Center.

The Action Memorandum also requires that a contract with the University of Puerto Rico to effect the transition be executed. You are authorized to immediately negotiate such a contract. I am enclosing some administrative guidance to assist in the accomplishment of this item.

Please keep me advised as negotiations proceed.


Michael I. Yarymovych
Assistant Administrator
for Field Operations

Enclosure: *OK*
As Stated



V-4489A
MAY 11 1976

Encl 4



UNITED STATES
ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION
WASHINGTON, D.C. 20545

April 11, 1976

6108

ACTION MEMORANDUM

TO: Administrator

FROM: Assistant Administrator for Field Operations

SUBJECT: REQUEST FOR APPROVAL OF A CHANGE IN THE ARRANGEMENT WITH THE UNIVERSITY OF PUERTO RICO (UPR) FOR MANAGEMENT OF THE PUERTO RICO NUCLEAR CENTER (PRNC)

ISSUE

To determine the programmatic and institutional future of the Puerto Rico Nuclear Center facilities and recommend, if necessary, changes to assure that the PRNC's future management and operation are consistent with ERDA's programmatic requirements.

METHOD

An ERDA Task Force was appointed by the AFO at the request of the AAA and AES to address the issue. A counterpart Puerto Rican Task Force was appointed by the President, UPR, to complement the ERDA Task Force effort (Enclosure 1).

BACKGROUND

Funding

The PRNC was established in 1958, under the Atoms-for-Peace program, to train Latin American students in nuclear medicine and technology. Due to funding restraints, the training and education program has diminished over the years. The annual training budget (\$1.2 million in FY 76) has been used principally for basic operating support of the Center. AAA funding of this activity is expected to decrease to reflect the decreasing nuclear training needs at PRNC. However, PRNC's research role has grown, mainly with funds from AES (\$1.062 million in FY 76) and sound expertise has been developed in terrestrial ecology, tropical marine biology and tropical human ecology. AES support for the marine biology, terrestrial ecology and human ecology programs is expected to continue and may increase slightly to pick up overhead costs previously carried in other programs. Research in nuclear medicine and agriculture is not a high



priority ERDA program and direct support for such research is not provided in FY 76. (Additional narrative background material is contained in Enclosure 2. Additional funding information is contained in Enclosure 3.)

FACILITIES

ERDA facilities associated with the PRNC had an acquisition value of about \$9.0M. They are located at four sites on the island.

Rio Piedras Site

In the San Juan area are well-equipped medically-oriented facilities located adjacent to the UPR Medical School. These facilities include a biomedical building, animal quarters and a maintenance shop. These cost about \$3.0M.

Mayaguez Site

The principal nuclear facilities of the Center are located on 20 acres of property adjacent to the UPR campus in the city of Mayaguez. These facilities include a research reactor (TRIGA); nuclear laboratories and hot cells; and several adjacent structures housing offices, nuclear engineering facilities, maintenance shops, and a greenhouse. Cost of these facilities was about \$4.6M.

Cornelia Hill Site

Also located near the city of Mayaguez are the Cornelia Hill facilities which house the marine biology program. These are relatively new and well-equipped environmental analysis laboratories located on the ocean adjacent to the pier for the PRNC Research Vessel PALUMBO. Cost of facilities at Cornelia Hill was about \$860K.

Luquillo National Forest Site

In the Luquillo Rain Forest is a data acquisition laboratory costing \$120K.

(Additional facilities information is contained in Enclosure 4.)

RECENT EVENTS

A new contract with the University was authorized by the Administrator in June 1975 extending through 1981*. Since then, the following significant events have occurred: ERDA has proposed a reduction in funding for FY 77; a decision was made to transfer the TRIGA reactor to ID; a

* Contract AT(40-1)-1853 administered by ORO.

new Director, Dr. Ismael Almodovar, has assumed forceful and responsive leadership and initiated substantial cost reduction actions totaling \$700K to be realized in FY 77; the University has proposed that the PRNC become the core of a new Energy and Environment Center (Enclosure 6), which would serve both ERDA and address the unique problems of the Commonwealth.

OPTIONS FOR CHANGE

After reviewing a broad range of options the following three options for accomplishing this change were explored in depth:

1. Continue the PRNC GOCO Arrangement with the UPR - making certain management and funding modifications.
2. Develop a mixed ERDA GOCO and Non-GOCO Arrangement with the UPR.
3. Discontinue the ERDA GOCO operations, transferring facilities to the UPR, or others, or close them if appropriate, and executing ERDA programs under other contractual bases.

Additional summary prepared ERDA background material on these options, including pros and cons, is contained in Enclosure 5. Additional detailed PRNC prepared background materials are contained in Enclosure 6.

RECOMMENDED OPTION

A transition from Option 1 (current status) to Option 3 over a three to five year period was determined by the joint Task Force to be the management arrangement in the best interests of the U.S. Government and the University of Puerto Rico for the following reasons: (1) it will permit ERDA to continue its high priority program work; (2) low priority ERDA programs can be phased out; (3) it will provide for the most economical use of Government funds; and (4) this arrangement will promote UPR institutional development consistent with both Commonwealth and U.S. needs.

This management change has the following features: (1) ownership of most of the facilities/equipment would be transferred to the UPR over a three-year period (FY 77-79); (2) certain facilities of no value to either party would be closed or transferred to other government agencies as soon as possible; (3) ERDA priority research and training programs would continue through appropriate contractual arrangement; (4) ERDA would provide institutional and developmental funding support for a five-year period (FY 78-82) to provide the University an opportunity to both use the newly acquired ERDA facilities for other energy technology areas (conservation, solar, ocean thermal energy conversion, and materials research and development), and to develop professional capability in

these new program areas; and (5) educational and training funding will be adjusted during the next three years (FY 77-79) to reflect the actual training requirements of ERDA at the UPR.

ERDA transfer of properties to the UPR and commitment of developmental funds provide a unique opportunity for the UPR to acquire excellent facilities and diversify its research and developmental base to take advantage of Puerto Rico's unique geographic features and to solve Commonwealth problems. This course is considered by the Joint Task Force to be a reasonable one to chart for a minority institution that is striving to increase its professional status and competitiveness in academe, as well as to serve both the U.S. Government and the Commonwealth of Puerto Rico.

This recommended option has been arrived at by a Joint ERDA/PR Task Force through a deliberative process which included examination of historical data, on-site examination of the facilities, and a thorough analysis of the three reasonable options. Puerto Rico interest groups, including the PRNC, the Commonwealth and the University, have participated extensively in the entire process and endorse the recommendation. The President, UPR, can be expected to endorse this recommendation.

RECOMMENDATION

The Task Force recommends the Administrator approve a three to five year transition from Option 1 to Option 3.

Approve: Rubén S. Sant

Disapprove: _____

Date: April 13, 1976

NEXT STEPS

1. The AFO will advise the Manager, ORO, and the President, UPR, of the Administrator's decision.
2. The AFO will direct the Manager, ORO, to execute a contractual agreement with UPR to effect the transition. (Administrative guidance for this step is contained in Enclosure 8.)
3. The AFO will direct the Director, HQS OPA, to prepare a public announcement and arrange for a joint UPR and ERDA facilities transfer ceremony.
4. The AFO will direct the Director, HQS OCA, to notify the Puerto Rico Resident Commissioner of the Administrator's decision.

- 5. The AAA will direct the Manager, ORO, to initiate a study to determine the amount and cost of radioactive clean-up required at the Mayaguez site and funding options for the work.
- 6. The AFO and AAA jointly will work out the details of introducing development and institutional funding categories into the FY 78 budget and reducing the education and training base funding. Joint Task Force proposed transition funding levels FY 77-82 are shown in Enclosure 7. (See Red Tab)
- 7. The AAA in cooperation with AIA will explore the potential of its Puerto Rico Energy Environmental Center as a focal point for Latin American training.

Concurrences

AES, BER, Liverman	Date <u>4/11/76</u>	Concur <u>Liverman</u> Tab _____ Nonconcur _____
AAA, Romatowski	Date <u>3/29/76</u>	Concur <u>Romatowski</u> Tab _____ Nonconcur _____
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cc: Philip C. White, AFE w/Encl. 1-8
Richard W. Roberts, ANE w/Encl. 1-8
James L. Liverman, AES w/Encl. 1-8
Robert L. Hirsch, ASGA w/Encl. 1-8
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Enclosures:

1. ERDA and PRNC Task Forces ~~with~~ *added*
2. Background Information
3. Program Cost Summary
4. PRNC Land and Buildings Parts 1 and 2
5. ERDA Options Detail - Pros and Cons
6. Toward A UPR Energy Center Parts 1 and 2
7. Proposed Transition Funding Level
8. Suggested Administrative Approach to ORO for Transfer of Facilities to UPR

SUGGESTED ADMINISTRATIVE APPROACH
TO
ORO FOR TRANSFER OF FACILITIES TO THE UPR

Enclosure 8

1. ORO is to be directed to execute an agreement or contract modification with UPR to proceed with programmatic transfer of appropriate ERDA facilities to UPR and orderly closeout of GOCO operation. The agreement should include a timetable for completion of the implementation elements and clear indication of ERDA plans for long-term funding support by funding category. Included in the agreement shall be a provision to change the PRNC name to Puerto Rico Energy and Environmental Center.
2. The actual programmatic transfer of facilities will be a phased process taking about three years for full implementation and transfer. However, upon execution of the above agreement, ERDA can begin handling UPR-PRNC as a non-GOCO facility for purposes of permitting non-ERDA work in PRNC facilities; UPR will have flexibility to compete for RFP's in the private or Federal sector; and UPR will be eligible to receive ERDA "institutional" support.
3. The administrative and fiscal steps of closing out the GOCO operation and transferring the facilities are to be handled by ORO. While the administrative procedures associated with the transition can be accomplished in one year, the "technical" problems of radioactively contaminated facilities and the need for UPR to obtain NRC licenses for possession and operation of the PRNC facilities, will extend the transition period to an estimated three years.
4. Rain Forest facilities are made available to ERDA under a use permit from the U.S. Forest Service and will not be transferred to UPR. However, the use permit will be transferred to UPR.
5. Cornelia Hill facilities contain no radioactive contamination, therefore, they can be removed from the GOCO method of operation and placed on other funding arrangements during FY 77 or FY 78.
6. The Rio Piedras facilities (all or part) can be programmaticly transferred to UPR in about 18 months. The final transfer will be contingent upon UPR extending its NRC licence for possession and operation of the radiological facilities at Rio Piedras.
7. The Mayaguez facilities require radioactive cleanup prior to transfer and obtaining of NRC licenses for source materials, byproduct materials, and the training reactor (L-77). For planning purposes, it is assumed this can be accomplished in three years. The steps, from the radiological standpoint, are:
 - a. Have PRNC-UPR undertake a decontamination study in FY 77. Factor in radioactivity levels which would be acceptable to UPR, the Commonwealth, the ERDA and the NRC.

- b. Have UPR engage in early discussions with NRC regarding requirements for source, byproduct, and training reactor licenses (for the L-77). This should be associated with the above study.
 - c. Have UPR proceed with necessary steps towards licensing with NRC.
8. The Research Vessel PALUMBO is to be transferred to a stateside organization having programmatic need for such a vessel. The dock originally built for the PALUMBO is to be transferred to the Department of Agriculture and a use permit worked out for its use in support of the UPR Cornelia Hill facilities.
 9. The AFO will oversee the ORO implementation of this new management arrangement.



UNITED STATES
ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION
WASHINGTON, D.C. 20545

April 11, 1976

6108

ACTION MEMORANDUM

TO: Administrator

FROM: Assistant Administrator for Field Operations

SUBJECT: REQUEST FOR APPROVAL OF A CHANGE IN THE ARRANGEMENT WITH THE UNIVERSITY OF PUERTO RICO (UPR) FOR MANAGEMENT OF THE PUERTO RICO NUCLEAR CENTER (PRNC)

ISSUE

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An ERDA Task Force was appointed by the AFO at the request of the AAA and AES to address the issue. A counterpart Puerto Rican Task Force was appointed by the President, UPR, to complement the ERDA Task Force effort (Enclosure 1).

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Funding

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This management change has the following features: (1) ownership of most of the facilities/equipment would be transferred to the UPR over a three-year period (FY 77-79); (2) certain facilities of no value to either party would be closed or transferred to other government agencies as soon as possible; (3) ERDA priority research and training programs would continue through appropriate contractual arrangement; (4) ERDA would provide institutional and developmental funding support for a five-year period (FY 78-82) to provide the University an opportunity to both use the newly acquired ERDA facilities for other energy technology areas (conservation, solar, ocean thermal energy conversion, and materials research and development), and to develop professional capability in

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RECOMMENDATION

The Task Force recommends the Administrator approve a three to five year transition from Option 1 to Option 3.

Approve: Robert S. T.

Disapprove: _____

Date: April 13, 1976

NEXT STEPS

1. The AFO will advise the Manager, ORO, and the President, UPR, of the Administrator's decision.
2. The AFO will direct the Manager, ORO, to execute a contractual agreement with UPR to effect the transition. (Administrative guidance for this step is contained in Enclosure 8.)
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~~with~~
added

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ORO FOR TRANSFER OF FACILITIES TO THE UPR

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5. Cornelia Hill facilities contain no radioactive contamination, therefore, they can be removed from the GOCO method of operation and placed on other funding arrangements during FY 77 or FY 78.
6. The Rio Piedras facilities (all or part) can be programmatically transferred to UPR in about 18 months. The final transfer will be contingent upon UPR extending its NRC licence for possession and operation of the radiological facilities at Rio Piedras.
7. The Mayaguez facilities require radioactive cleanup prior to transfer and obtaining of NRC licenses for source materials, byproduct materials, and the training reactor (L-77). For planning purposes, it is assumed this can be accomplished in three years. The steps, from the radiological standpoint, are:
 - a. Have PRNC-UPR undertake a decontamination study in FY 77. Factor in radioactivity levels which would be acceptable to UPR, the Commonwealth, the ERDA and the NRC.

- b. Have UPR engage in early discussions with NRC regarding requirements for source, byproduct, and training reactor licenses (for the L-77). This should be associated with the above study.
 - c. Have UPR proceed with necessary steps towards licensing with NRC.
8. The Research Vessel PALUMBO is to be transferred to a stateside organization having programmatic need for such a vessel. The dock originally built for the PALUMBO is to be transferred to the Department of Agriculture and a use permit worked out for its use in support of the UPR Cornelia Hill facilities.
 9. The AFO will oversee the ORO implementation of this new management arrangement.



University of Puerto Rico
P. O. Box 4984-G
San Juan, Puerto Rico 00936

of the President

April 9, 1976

Dr. Vitalij Garber
Energy Research and Development Administration
20 Massachusetts Avenue NW
Washington, D.C. 20545

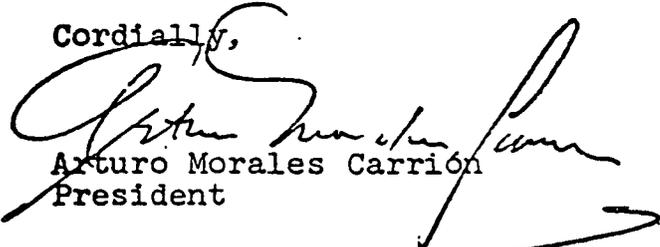
Dear Dr. Garber:

I take pleasure in writing to you to endorse the plan for the UPR/PRNC Energy and Environmental Research Center prepared by our joint task forces during the meetings at ERDA headquarters March 24-26. The time frame proposed in the action memorandum should be feasible for us, so I do hope that Dr. Seamans will find the memorandum acceptable.

I wish to express special appreciation to the members of the ERDA Task Force for responding so constructively to the letter that I sent with Dr. Almodóvar emphasizing our obligations as a minority institution and our present tight budgetary situation.

My deep thanks go to all the members of our respective task forces for their hard work and splendid cooperation. I have high hopes for the success of our common endeavors.

Cordially,


Arturo Morales Carrion
President

MAY 5 1976

V-3708B

ERDA TASK FORCE

Vitalij Garber (Chairman)
 Technical Director
 Office of the Assistant
 Administrator for Field Operations

Russell Ritchie (Alternate Chairman)
 Special Assistant to the Assistant
 Administrator for Administration

John Whitnah
 Office of the Assistant Administrator
 for Environment and Safety

Jeff Swinebroad
 Deputy Associate Director for
 Research and Development
 Division of Biomedical and
 Environmental Research

James Kellett, Jr./Harold H. Young
 Division of University and
 Manpower Development/AAA

Joseph A. Lenhard, Director
 Research and Technical Support Division
 Oak Ridge Operations Office

Gail Bradshaw
 Chief, Conservation, Environment and
 Safety, News Branch
 Office of Public Affairs

PRNC TASK FORCE

Ismael Almódovar (Chairman)
 Acting Director
 Puerto Rico Nuclear Center

Flavio Acarón, Dean
 School of Engineering
 Mayaguez Campus

Manuel Gómez, Dean
 College of Natural Sciences
 Rio Piedras Campus

Juan J. Rigau, Director
 Office of Petroleum Fuels Affairs
 Office of the Governor
 Commonwealth of Puerto Rico

Conrado F. Asenjo
 Associate Dean
 School of Medicine

Paul Harrison (Liaison)
 Special Assistant to
 UPR President

Luis E. Boothby
 General Administrative Officer
 Puerto Rico Nuclear Center

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 Acting Director
 Office of Personnel
 UPR Central Administration

Irma Vázquez, Director
 Budget Division
 UPR Central Administration

Andrés Medina-Peña
 Acting Director
 Finance Division
 UPR Central Administration

Tab A



UNITED STATES
ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION
WASHINGTON, D.C. 20545

APR 5 1976

U. Barber
Recommended Procurement
Review but RRRR towards
lead looked like
it caught
Procurement
RR

Russell Ritchie
Office of the Assistant Administrator
for Field Operations

PROPOSED ACTION MEMO, "REQUEST FOR APPROVAL OF A CHANGE IN
THE ARRANGEMENT WITH UPR FOR MANAGEMENT OF THE PUERTO RICO
NUCLEAR CENTER"

Pursuant to your memo dated March 29, 1976, we have reviewed
this paper. We have no legal objection and our concurrence
is indicated at page 5.

We recommend that the Procurement Division (Mr. Allnutt)
be added to the listed concurrences. Other recommended
revisions or corrections are shown in the margin in red
pencil.

Please call me if you have any questions.

Elliot Winnick, Attorney
Office of the General Counsel

Attachment:
Incoming Action Memo

cc: Mr. Davin, PROC
Mr. Cumesty, PROC



D. Durham
② Biagotti
③ Langley
④ F. L.

NOTE

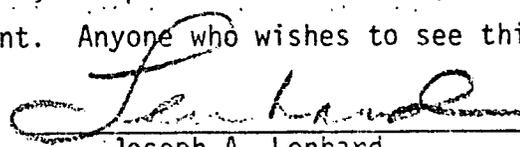
March 17, 1976

PRNC Task Force

The three-day joint meeting of ERDA and UPR task forces on quo vadis PRNC resulted in a few basic understandings and agreements. The most impressive element of the meetings was the dynamic and capable nature of Almodovar, our new PRNC Director.

The UPR task force had developed quite an argument for maintaining the contractual status quo -- with vastly increased ERDA funding, of course. They were quite (and perhaps justifiably) concerned with the ERDA proposal that PRNC facilities be turned over to UPR and that ERDA-UPR funding relationships become anything less secure than GOCO. However, the ERDA group suggested several advantages of non-GOCO (some real -- some not too real), the most impressive of which (to UPR) was funding levels. Garber (speaking for someone) suggested long-term half-million-dollar annual institutional support to UPR (like a grant) which, of course, they are eligible to receive only if they are non-GOCO. Other funding "promises" were suggested in terms of continued programmatic and "developmental" support. UPR was invited to propose \$1.9M ERDA funding for FY-78 if GOCO and \$2.3M if they agreed to start transition to non-GOCO. Where the Headquarters representatives planned to get those funds was unclear to me and unclear to the two program types on the ERDA task force.

UPR now seems to feel either way is workable. UPR is to further develop the proposals (GOCO) and non-GOCO) and present these in Headquarters on March 24 and 25 during another joint meeting. For the next draft of the ERDA task force report, I recently fleshed out and forwarded the options, with their ramifications, pros and cons, and possible mechanisms, timetables, and funding levels for achievement. Anyone who wishes to see this, advise.


Joseph A. Lenhard

Copies to:

- | | |
|-----------------|----------------|
| R. J. Hart | |
| C. A. Keller | T. W. White |
| W. R. McCauley | F. O. Christie |
| K. D. McCasland | T. H. Hardin |
| H. S. Oster | W. H. Trav s |

UNITED STATES GOVERNMENT

Memorandum

John
MLK

TO : The Files

DATE: June 29, 1961

FROM : G. S. Brackett, Real Property Officer, Supply Division

SUBJECT: PUERTO RICO COMMUNICATIONS SYSTEM

On June 29 I attended a meeting in Mr. Somer's (Engineering Division) office regarding the subject system, which is proposed for installation between the bio-medical facilities at Rio Piedras and the facilities at Mayaguez. Attending this meeting besides Mr. Somers and myself were Messrs. McCasland and Larsen, Office of Chief Counsel; Trent, Supply Division; Kasefang, Engineering Division; and Keohane, Contract Division.

The primary object of the meeting was to determine the necessary action to acquire the use of three sites between Rio Piedras and Mayaguez for the erection of repeater station equipment and facilities necessary for the establishment of the communications system proposed between the two sites. Mr. McCasland had drawn up documents covering the three proposed sites. The site at San Juan which is owned by Water Resources Authority of the Commonwealth of Puerto Rico, and the site at Jayuya which is owned by the Department of Education, Commonwealth of Puerto Rico, apparently posed no serious problems. Water Resources Authority and the Department of Education representatives in Puerto Rico had informally indicated that the use of the facilities at the two sites could be made available for installation of our equipment. The use of the space at these two sites will involve no actual space rental payments, but some arrangements will have to be made for payment for the power used by our facilities. The Area Manager, Puerto Rico Area, was to be furnished draft documents covering our use of the space at the two sites and our recommendations as to the manner in which power payments would be made. He would then be expected to contact the proper officials and determine if the draft agreements and the method of power payment were satisfactory, and if so, obtain execution of the documents by the Water Resources Authority and the Department of Education.

The third site which is located at Maricao poses a somewhat different problem. At Maricao there are two sites which might be available for installation of our equipment. One is owned by Radio-Telephone Communicators, Inc., and the other is owned by the Department of Education, Commonwealth of Puerto Rico. During Kasefang's visit to Puerto Rico he explored the availability of both sites. The building owned by the Department of Education, in which we would propose to install equipment, has no space available for the equipment. However, Department of Education personnel indicated that a second story could be built on the building which is of concrete block construction, approximately 10' x 15'. If such an addition is constructed we would then use the space

PLANTS, LABS., BUILDINGS & LAND: 2

Puerto Rico

June 29, 1961

created for installation of equipment. They estimate that the cost of such an addition would be approximately \$1200, but Mr. Somers stated that they felt this was low and that \$3000 would probably be a better estimate. It is not known whether there is sufficient land area owned by the Department of Education around this building to provide space for the erection of a small building to house our equipment.

The Manager of RTC indicated to Mr. Kasefang that he would be willing to provide space for our equipment in the building owned by them at a rental of \$75 per month, including necessary power. RTC is a Motorola service agency. Inasmuch as the equipment to be installed will be procured by competitive bidding, it is not known whether we would purchase Motorola equipment or some other make for installation. In view of this the Area Manager was requested to contact RTC to determine if they would have any objections to our installing equipment other than Motorola in the building. He was informed that they definitely would object to the use of the space unless Motorola equipment is to be installed. The wording of the teletype from the Area Manager transmitting this information to Oak Ridge left open the question of whether RTC would refuse to let us use the space unless Motorola equipment was installed or whether their objections might be overcome by, for instance, a higher rental payment than the original \$75 per month quoted.

Engineering Division's original thinking was that the RTC space was more desirable than that owned by the Department of Education because of monetary savings which might be accomplished by eliminating the necessity of constructing an additional story on the Department of Education building, etc. However, if RTC refuse to let us use their building, or require an exorbitant rental, we might be forced to seriously consider the Department of Education site. The addition of a second story to the Department of Education building poses some problems in addition to costs. These are (a) the right of AEC to make permanent alterations to a building owned by the Commonwealth of Puerto Rico, and (b) the applicability of the Economy Act with respect to amounts which may be expended for alterations, improvements, and repairs of rented premises. In view of these problems it was agreed that the Engineering Division would prepare a teletype to the Area Manager, Puerto Rico, requesting him to determine under what conditions the RTC would allow us to use space in their building regardless of the make of equipment to be installed, and also to determine if there was sufficient land area owned by the Department of Education around the building to permit us to install a small building of our own.

McCasland will prepare appropriate documents for the use of the space decided upon. He will also prepare a memorandum to the Area Manager, Puerto Rico, transmitting the documents and containing instructions to the Area Manager with respect to the acquisition of the space requested.

Because the procurement of the equipment will involve installation by the successful bidder, it is necessary that we be assured of the space required prior to the issuance of invitations to bid. There appears to be no action required of the Supply Division at this time.


G. S. Brackett