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PUERTO RICO NUCLEAR CENTER

HURRICANE PLAN

MAYAGUEZ

?OF PUERTO RICO UNDER CONTRACT

NO. AT (40-11-1893 FOR U. \$. ATOMIC ENERGY COMMISSION

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PUERTO RECO MUCLEAR CENTER

Operated by

URIVENSIEY OF PUERTO RICO

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[AUBIORIZATION

?his Hurricane Plan hes been revised and approved by

PRIC Safety Committee. It is hereby approved and sande

operative ao of August 7, 1965.

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Jon c. migher, MD.

Director

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PUERTO RICO NUCLEAR CENTER

Operated by

UNIVERSITY OF PUERTO RICO

for

U.S. ATOMIC ENERGY COMMISSION

HURRICANE PLAN

P.R.N.C. Mayaguez Building

ccmat,

The hurricane season in Puerto Rico extends from June 1 through November 30 yearly.

In order to ensure the protection of property and safety of personnel, it is necessary to prepare a plan which may be invoked in time of need.

NOTIFICATION OF A HURRICANE THREATENING PUERTO RICO

The United States Weather Bureau maintains a special hurricane watch during the

hurricane season. The general public is given ample warning that

danger exists

through radio, television, and newspapers. When the warning indicates that the hurricane may strike within 1

than twenty four hours, the decision to invoke

the hurricane plan should be made.

RESPONSIBILITIES FOR INVOKING THE HURRICANE PLAN

?the Director will be the person responsible for making the decision to instrument

?the hurrtcane pla

TE the Dicector is not present or cannot be contacted, then

the Deputy Director will assume his responsibilities. In the event of the absence

of both, Director and Deputy Director, the Associate Directors will assume the responsibilities.

WEN THE HURRICANE PLAN IS INVOKED DURING REGULAR WORKING HOURS, THE FOLLOWING

STEPS SHOULD BE TAKEN:

Condition TIT - Hurricane Warning (Hurricane may strike within 24 hours)

(1) All Technical Services Section employees should report to Maintenance Shop.

(2) The Maintenance Engineer will assemble all materials needed to protect building and equipment.

(3) The employees under the supervision of the Maintenance Engineer will do the

following:

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See

(a) Close all windows and doors

Remove all glass panels in first and second

floor of the Laboratory Building

(b) Remove all compressed gas tanks from the rest of building and secure

then inside K-12, Reaows cli oayeun tanks shich are connected to the rear of the Laboratory Builéing, and ssure thom inside race 122

©) Cheer att trash out of the crash crea. The College vill supply a truck and driver, {£ ealted foz, co remove oll crash.

(@) Renove <1} loose sateriais fron the grounte surrounding the buildings

(e) Sccure the front glass door with its plywood panneie.

(?) 800

wnetcorology

wer. Do not lower cover. Lower chermonetere

fron tower, snd renove ali precision tnetrunents fron wooden shacks

(@) Secure ait yt

windows {m che dnnox Busing with e

Ar respective

plywood pennisis.

(h) socurs 211 air conditioning units in the Annex dutlding.

(4) Clean and clear st! drains of any object which may couse over!

?The following shall be given perticular care:

1) Beaavont floor

2) Fire pup, Room and stairuey

3) Uhoratory Butlding air intake pit

4) Raaetor buttding air intoke nit

5) Hoe waste pump pir

5) Cocling towers overflow deine

(3) check the emergency power plant for normal operation and £11 the gasoline tank.

(k) cov

the louvers in attic floor of the Laboratory Building with
plywood panels

(y Move 0)

Flowers or plants which are planted in pots into the Green
House. The Green House will be secured according to instructions from
the Associate Director

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(@) Pili the reservoir water tank to its maximum level. Secure the water-

way and manhole at the top of the tank

(@) Open and secure the main gate.

(©) Secuce «:

loose equipment Located on the oof of ehe reactor and

(p) Meke sure ali Radio Telephicnes are in vorking conditions, and chst atl

antennas aro scoured.

(q) check «11 portabie Lanterns ond first eid equipment. Have om hand
extre batteries, raincoats ané boots.

(c) Secure flammable and

plovive sterage area.

J. Condition If - Hurricane nay strike withta chee hours.

(2) & final Inspection of #1 butlding sad grounds wil be aads by the

Maintenance Engineers.

(2) Part of the Maintenance Group will be assigned to help the individual divisions to complete their securing of property.

(2) Pies, desks and lockers will be moved away from the windows and all papers will be secured

(4) Radioactive material will be secured under the supervision of the Health Physics Division.

(5) All poisonous, explosive and/or other type of dangerous material should be carefully secured under the supervision of the Health Physics Division,

(6) The laboratory chauffeur will secure all vehicles inside the reactor building

and under the ROTC building. Make sure all vehicles have full gas tanks and are completely checked

(7) ALL personnel not considered essential will be excused and sent home after

all equipment is secured and other preventive measures are taken

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(8) Personnel who wish to stay in the Nuclear Center during the hurricane with their families may do so, and should inform the Maintenance Engineer of his decision

©. Condition T= Hurricane is striking the Nuclear Center

(1) & crew previously chosen by the Maintenance Engineer will remain in the main building during the hurricane

(2) They will have emergency lights, plumbing and electrical equipment and other type of emergency equipment needed to face any immediate danger.

@) cold sandwiches, coffee and other solid food will be provided ahead of time.

G4) Air conditioning unit and other equipment in the main building will be

shut off.

() If possible, frequent reports of damages or serious breakage should be

issued to the Director or Deputy Director and the Associate Director

through the transmitter or telephones.

V. WHEN THE HURRICANE PLAN IS INVOKED AFTER DUTY HOURS, WEEKENDS, OR HOLIDAYS; THE

FOLLOWING STEPS SHOULD BE TAKEN:

The hurricane warning will be given by the Civil Defense Authorities and the Weather Bureau through the normal means of communications.

A. Upon notification by the

agencies that the Island may be hit by a hurricane,

the director or his representatives will call the following personnel :

Q) Division Heads

Q) Administrative Officer

©) Maintenance Engineer

B. Upon notification, the Maintenance Engineer will call his Emergency Crew by telephone or by direct contact, using the fastest means available. The M. E.

will notify the Deputy Di

tor and Associate Director if he expects to be

away one week-end during the Hurricane Season. He will also designate his replacement

?The emergency group will proceed with the emergency procedures listed in

conditions IIT and IT. In addition, the 4 E, will check that Division Heads

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have been notified of the emergency

The Division Heads will be

?as many members of their staff as needed to
carry out the other steps of the plan to protect property and equipment of
each division

After the building and equipment are safely secured, all personnel will return
home except the members of the Emergency Crew who will remain and proceed as

described in Condition I. Also any other personnel, and family who wish to

know the hurricane may do so.

VI. AFTER THE HURRICANE WAS STRUCK

?The "All-Clear" signal will be given by the Director or his representatives

after official notification is

issued by the Civil Defense authorities or the

Weather Bureau.

ALL personnel will resort to their regular duty area. & survey will be made to determine the extent of damage and if this area is safe for use

A detailed report of the extent of damages will be made by each Division Head to the Director's office.

Engineering and maintenance problems will be reported to the Maintenance

Engineer and will be handled accordingly

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