Wisconsin Electric POWER COMPANY
231 W. MICHIGAN, P.O. BOX 2046, MILWAUKEE, WI 53201

March 1, 1982

PRINCIPAL STAFF			
DIR		E&IS	
D/D		PAO	
A/D		SLO	
DR&PI			
DE&TI			
DEP&OS		File	

letter only ✓ Orig + 1 ✓

Mr. J. G. Keppler, Regional Administrator
Office of Inspection and Enforcement,
Region III
U. S. NUCLEAR REGULATORY COMMISSION
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Dear Mr. Keppler:

EMERGENCY PREPAREDNESS EXERCISE
MARCH 9, 1982
POINT BEACH NUCLEAR PLANT
CUE/COMMAND CARDS AND STATUS SHEETS

Attached are Cue/Command cards and status sheets to be used in the forthcoming emergency preparedness exercise at Point Beach Nuclear Plant scheduled for March 9, 1982.

The Cue/Command card pages as enclosed will be used by the exercise controllers. The top portion of the page, i.e., the portion above the solid line, will be reprinted on cards to be issued by controllers to participants.

Cue cards and command cards are identical in format, except that command cards are identified as such in the first line of the "Message". Cue cards establish hypothetical scenario conditions. Command cards are used only if necessary to keep the exercise moving in the intended direction if the participant responds in a manner other than that expected.

The development of plant conditions is shown on the enclosed status sheets which will be posted in the control room. Initially status sheets will be largely covered; the controller will gradually uncover the status sheets as time progresses.

If you have any questions or comments regarding this information, please contact our office.

Very truly yours,

C. W. Fay

C. W. Fay — Assistant Vice President

Attachments

Copies to NRC Resident Inspector, B. K. Grimes (NRC Region III), J. L. LaFleur (DEG), C. F. Riederer (PSCW), [illegible] Wenger (FEMA, Region V)

MAR 4 1982

JES's

TIME 0545

T - 15 min.

MESSAGE FOR: Control Room

SIMULATED PLANT CONDITIONS: Initial Conditions

MESSAGE: Unit 1 is in cold shutdown.

Unit 2

1. At 97% power for 60 days.
2. Fuel burnup: 30.5 MWD/MTU/day
3. "C" charging pump at reduced capacity.
4. "B" component cooling pump out-of-service.
5. "D" accident fan out-of-service.
6. Experiencing instrument air problems.

Meteorological Conditions

Temperature:	15°F
Wind:	ESE at 5 mph
Stability Class:	F

CONTROLLER/OBSERVER NOTES:

Initial conditions for control room participants.

ACTION EXPECTED:

None.

TIME 0605

T + 5 min.

MESSAGE FOR: Control Room

SIMULATED PLANT CONDITIONS: See Status Sheets

MESSAGE:

1. Transformer 2X04 receives an "A" phase differential actuating the lockout. (86 device) Lockout cannot be reset.
2. 2A03 & 2A04 buses are deenergized.
3. Loss of voltage separates 2A05 & 2A06 from 2A03 & 2A04, respectively.
4. Loss of AC causes perturbation of IA system.
5. IA problem causes steam stops on Unit 2 to shut.

CONTROLLER/OBSERVER NOTES:

Provide additional conditions if requested, such as:

1. Turbine, reactor, generator trips.
2. Diesels start and assume load.
3. Plant on natural circulation (loss of 2A01 & 2A02).
4. Steam generator atmospheric steam dumps do not open; primary plant temperature maintained by periodic lifting of steam generator code safety valves.

ACTION EXPECTED:

1. Duty & Call Superintendent and Duty Technical Advisor called.
2. Event is classified.
3. Routine maintenance calls are made.
4. Use plant emergency procedures to maintain plant conditions.

TIME ~0625

T + 25 min.

MESSAGE FOR: Control Room

SIMULATED PLANT CONDITIONS: See Status Sheets

MESSAGE: Command Card

You are in an Unusual Event condition.

CONTROLLER/OBSERVER NOTES:

Give to Shift Supervisor if evaluation of event is not completed with 20 minutes.

ACTION EXPECTED:

Applicable actions for Unusual Event in accordance with EPIP's.

TIME ~0645

T + 45 min.

MESSAGE FOR: Control Room

SIMULATED PLANT CONDITIONS: See Status Sheets

MESSAGE: Command Card

Commence notification actions for Unusual Event.

CONTROLLER/OBSERVER NOTES:

Give to Shift Supervisor if notifications for Unusual Event have not taken place within 20 minutes from classification.

ACTION EXPECTED:

Applicable actions for Unusual Event in accordance with EPIP's.

1. Red Phone, NRC (ENS)
2. County and State notified.

TIME 0700

T 1 hour

MESSAGE FOR: Control Room

SIMULATED PLANT CONDITIONS: See Status Sheets

MESSAGE:

1. Fire protection and smoke detection panel alarm.
2. Diesel room "A" alarm.

CONTROLLER/OBSERVER NOTES:

Give Shift Supervisor sequence of events.

ACTION EXPECTED:

1. Investigate alarm.
2. Activate fire brigade.

TIME 0705

T 1 hour

MESSAGE FOR: Control Room

SIMULATED PLANT CONDITIONS: See Status Sheets

MESSAGE: Diesel room "B" alarm

CONTROLLER/OBSERVER NOTES:

N/A

ACTION EXPECTED:

Continue fire actions.

TIME 0707

T 1 hour

MESSAGE FOR: Control Room

SIMULATED PLANT CONDITIONS: See Status Sheets

MESSAGE:

1. 3D Diesel trip.
2. Breaker opens.
3. 2A05 & 2B03 deenergized.

CONTROLLER/OBSERVER NOTES:

Equipment powered from 2A05 & 2B03 are lost. "A" train safety equipment, e.g., safety injection pump, RHR pump and two charging pumps, are lost. The last component cooling water pump is lost. No mechanical or electrical cross connecting is allowed. Communications with DCS is not possible, DSS must classify event.

ACTION EXPECTED:

Evaluate event in accordance with EPIP's.

TIME 0725

T + 120 min.

MESSAGE FOR: Control Room

SIMULATED PLANT CONDITIONS: See Status Sheets

MESSAGE: Command Card

You are in an Alert condition.

CONTROLLER/OBSERVER NOTES:

Give to Shift Supervisor if evaluation of event is not completed within 20 minutes. Consultation by phone with the DCS is not permitted.

ACTION EXPECTED:

Applicable actions for Alert in accordance with EPIP's.

TIME 0745

T + 1:40 hrs

MESSAGE FOR: Control Room

SIMULATED PLANT CONDITIONS: See Status Sheets

MESSAGE: Command Card

Commence notification actions for Alert.

CONTROLLER/OBSERVER NOTES:

Give to Shift Supervisor if notifications have not been performed within 20 minutes of Alert classification.

ACTION EXPECTED:

Applicable actions for Alert in accordance with EPIP's.

TIME 0745

T + 1:40 hrs

MESSAGE FOR: Control Room

SIMULATED PLANT CONDITIONS: See Status Sheets

MESSAGE:

1. Charging pump capacity is diminishing.
2. Seal injection flow is lost.
3. RCP labyrinth seal shows flow from RCS.
4. Seal temperatures are increasing.
5. Seal leakage approximately 10 gpm.
6. Sump "A" alarms.

CONTROLLER/OBSERVER NOTES:

Containment conditions show small LOCA. Cannot cooldown using atmospheric steam dump.

ACTION EXPECTED:

Continue to evaluate conditions; try to cooldown.

TIME 0816-0820

T + 2:10 hrs

MESSAGE FOR: Control Room

SIMULATED PLANT CONDITIONS: See Status Sheets

MESSAGE:

1. 2R-11, 2R-12 increasing.
2. Safety injection actuation.
3. Containment area monitors increase.
4. Containment conditions are changing.
5. Unit 2 motor breaker trip alarm.
6. Unit 2 motor overload alarm.

CONTROLLER/OBSERVER NOTES:

Give plant parameters. When SI flow is checked, there is no flow. There is a continued problem with atmospheric steam dumps. SG at 1085 psig. R-2 & R-7 at 5 R/hr. Provide information only if asked.

ACTION EXPECTED:

Actions for EOP-1A LOCA. Continue to monitor plant conditions.

TIME 0945

T + 3:40 hrs

MESSAGE FOR: Control Room

SIMULATED PLANT CONDITIONS: See Status Sheets

MESSAGE:

1. 2R-2 & 2R-7 off-scale high.
2. High flux at shutdown alarm.

CONTROLLER/OBSERVER NOTES:

Provide incore thermocouple temperature if asked. Still cannot cooldown.

ACTION EXPECTED:

Continue LOCA response.

TIME 0950

T + 3:45 hrs

MESSAGE FOR: Control Room

SIMULATED PLANT CONDITIONS: See Status Sheet

MESSAGE: May start cooldown using atmospheric steam dump valves. Must operate locally.

CONTROLLER/OBSERVER NOTES:

Must send AO to valve for operation. Allow control room personnel to control cooldown.

ACTION EXPECTED:

Send man and start cooldown.

TIME 1025

T + 4:20 hrs

MESSAGE FOR: Control Room

SIMULATED PLANT CONDITIONS: See Status Sheets

MESSAGE: Command Card

Send AO to check on atmospheric steam dump.

CONTROLLER/OBSERVER NOTES:

Give card to Shift Supervisor if AO is not at atmospheric steam dumps.

ACTION EXPECTED:

Send man (AO).

TIME 1035

T + 4:30 hrs

MESSAGE FOR: Control Room

SIMULATED PLANT CONDITIONS: See Status Sheets

MESSAGE:

1. Containment gas and particulate alarms (R-11, 12)
2. Air ejector monitor alarms (R-15).

CONTROLLER/OBSERVER NOTES:

Monitors reading 4K if asked.

ACTION EXPECTED:

Continue to evaluate situation. Area survey of 2R-15 started.

TIME 1040

T + 4:35 hrs

MESSAGE FOR: Control Room

SIMULATED PLANT CONDITIONS: See Status Sheets

MESSAGE:

1. Plant effluent vent stack monitors alarm (R-14).
2. Drumming area vent monitor alarms (R-21).
3. Spent fuel pit area monitor alarms (R-5).

CONTROLLER/OBSERVER NOTES:

Provide levels if asked: R-14 offscale, high range bottomed
R-21 offscale, high range bottomed
R-5 35 mR/hr

ACTION EXPECTED:

1. Continue to evaluate situation.
2. Inform TSC.

TIME 1045

T + 4:45 hrs

MESSAGE FOR: Control Room

SIMULATED PLANT CONDITIONS: See Status Sheets

MESSAGE: Additional RMS Alarms:

Chemistry Lab	R-3
Charging Pump	R-4
Sample Rooms	R-6
Drumming Area	R-8

CONTROLLER/OBSERVER NOTES:

Readings if asked:

R-3:	25 mR/hr
R-4:	25 mR/hr
R-6:	20 mR/hr
R-8:	20 mR/hr

ACTION EXPECTED:

1. Continue evaluation.
2. Inform TSC.
3. Recommend plant evacuation.

MONITOR READINGS FOR CORE DAMAGE AND RELEASE

R-1	Control Room - normal
R-2	Containment - (alarm at 25 mRem) - increases to 5 Rem and then offscale.
R-3	Chem lab - 10 mRem (alarm at 25 mRem/hr)
R-4	Charging pump halls - 25 mRem (alarms at 15 mRem)
R-5	SFP - 35 mRem (alarms at 10 mRem)
R-6	Sample rooms - 20 mRem (alarms at 25 mRem)
R-7	Seal tables - (alarm at 50 mRem) - increases to 5 Rem and then offscale
R-8	Drumming area - 20 mRem (alarms at 25 mRem)
R-9	Letdown - increases to offscale at time of fuel failure.
R-22	Normal

R-14	Contact	6 mRem/hr
R-21	Contact	6 mRem/hr (below scale)

TIME 1050

T + 4:45 hrs

MESSAGE FOR: Control Room

SIMULATED PLANT CONDITIONS: See Status Sheets

MESSAGE: RHR flow indicated.

CONTROLLER/OBSERVER NOTES:

N/A

ACTION EXPECTED:

N/A

TIME 1200

T + 5:55 hrs

MESSAGE FOR: Control Room

SIMULATED PLANT CONDITIONS: See Status Sheet

MESSAGE: Wind change to ENE; Temperature 30°F

CONTROLLER/OBSERVER NOTES:

N/A

ACTION EXPECTED:

Pass information to TSC.

TIME 1300

T + 6:55 hrs

MESSAGE FOR: Control Room

SIMULATED PLANT CONDITIONS: See Status Sheets

MESSAGE:

Wind:	ENE at 7 mph
Stability Class:	D
Temperature:	35°F

Radiation alarms begin to clear.

CONTROLLER/OBSERVER NOTES:

N/A

ACTION EXPECTED:

Pass information to TSC.

TIME 1400

T + 7:55 hrs

MESSAGE FOR: Control Room

SIMULATED PLANT CONDITIONS: See Status Sheets

MESSAGE: Wind: ENE at 10 mph

Stability Class: C

R-14, R-21 decreasing.

CONTROLLER/OBSERVER NOTES:

N/A

ACTION EXPECTED:

Pass information to TSC.

TIME 1500

T + 8:55 hrs

MESSAGE FOR: Control Room

SIMULATED PLANT CONDITIONS: See Status Sheets

MESSAGE: Continuing to cold shutdown.

Wind: ENE at 15 mph

Stability Class: C

CONTROLLER/OBSERVER NOTES:

N/A

ACTION EXPECTED:

Pass information to TSC.

TIME 1600

T + 9:55 hrs

MESSAGE FOR: Control Room

SIMULATED PLANT CONDITIONS: See Status Sheets

MESSAGE: Continuing to cold shutdown.

Wind: ENE at 15 mph

Stability Class: C

CONTROLLER/OBSERVER NOTES:

N/A

ACTION EXPECTED:

Pass information to TSC.

PARAMETERS AFTER 1300

	1300	1400	1500	1600	1700
Source Range	8×10^3	8×10^3	8×10^3	8×10^3	8×10^3
Pressurizer Level %	0	0	0	0	0
RCS Pressure psig	100	100	100	100	100
Hot Leg Temperature °F	315	300	285	270	255
Cold Leg Temperature °F	310	295	280	265	250
SG Level %	39	39	39	39	39
SG Pressure psig	92	82	70	65	60
RHR Flow gpm	300	300	300	300	300
Auxiliary Feed gpm	50	25	---	---	---
Thermocouples °F	320	310	295	280	265
Containment Pressure	2.3	1.9	1.5	1.1	0.7

CALCULATION SHEET

SHEET _____ OF _____

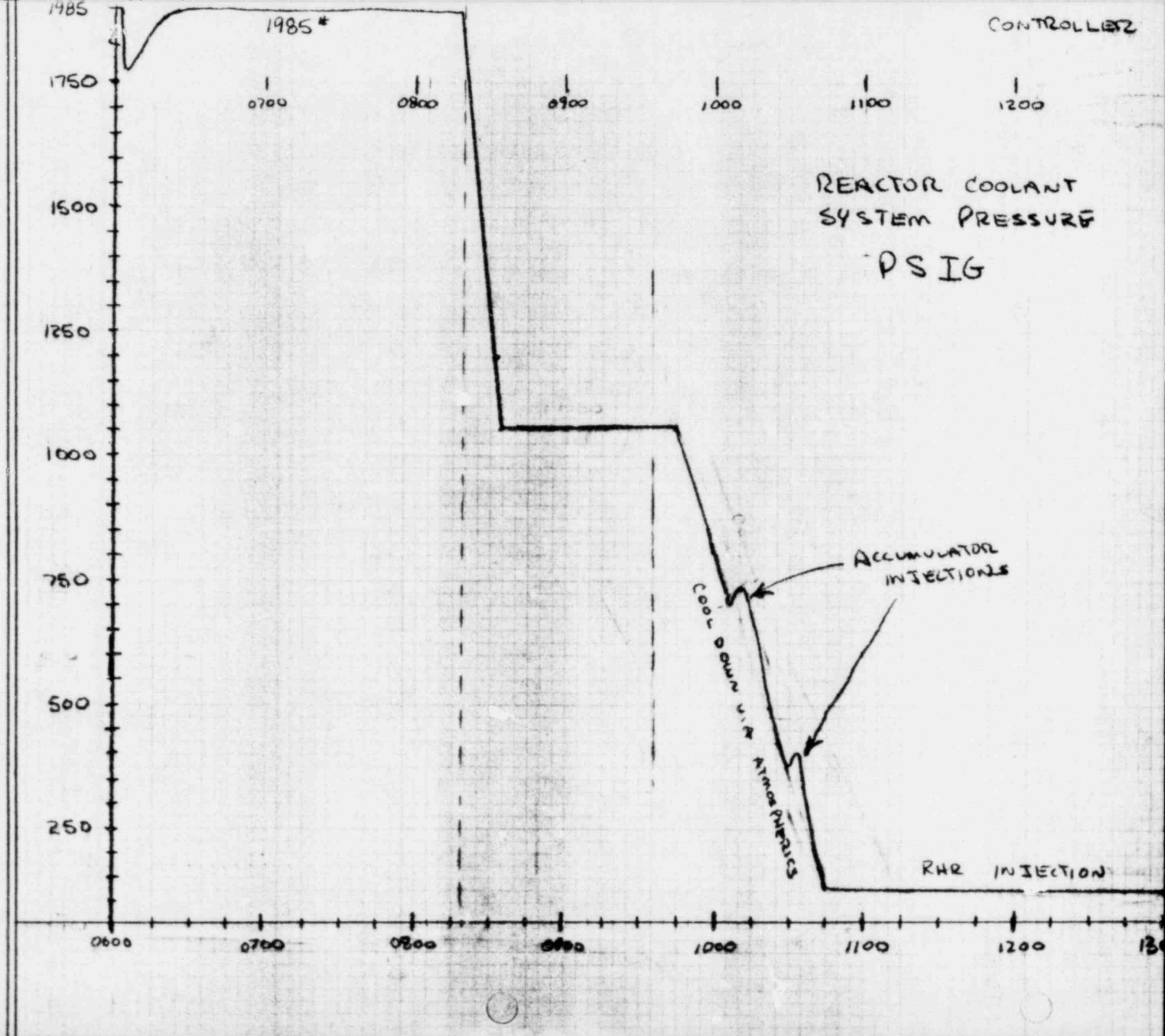
FILE No. _____

MADE BY _____ DATE _____

CHKD. BY _____ DATE _____

SUBJECT _____

CONTROLLED



CALCULATION SHEET

SUBJECT _____ MADE BY _____ DATE _____

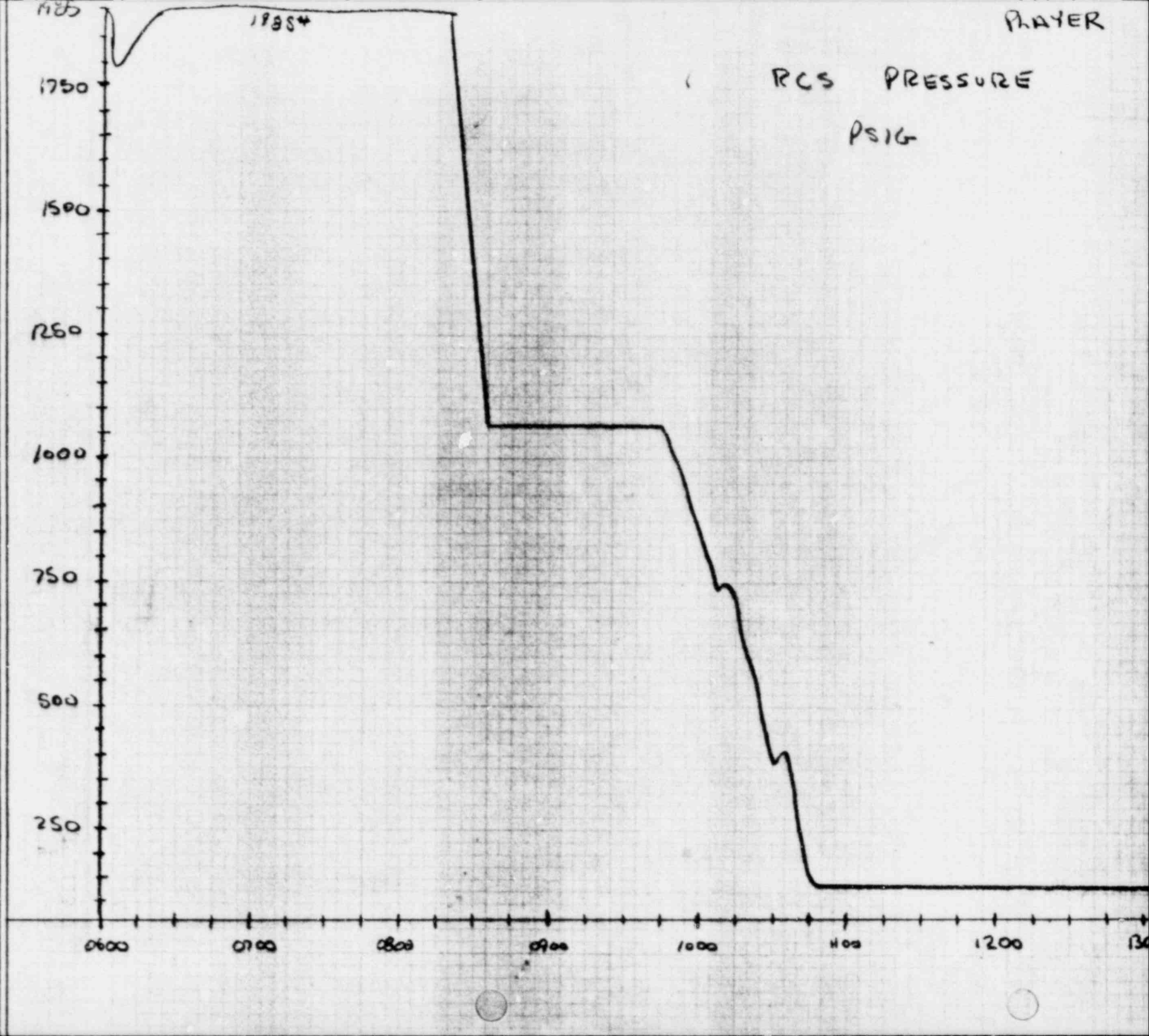
FILE No. _____ CHKD. BY _____ DATE _____

SHEET _____ OF _____

PLAYER

RCS PRESSURE

PSIG



CALCULATION SHEET

SHEET _____ OF _____

FILE No. _____

SUBJECT _____ MADE BY _____ DATE _____

CHKD. BY _____ DATE _____

PLAYER 5 CONTROLLER

CALCULATION SHEET

SHEET _____ OF _____

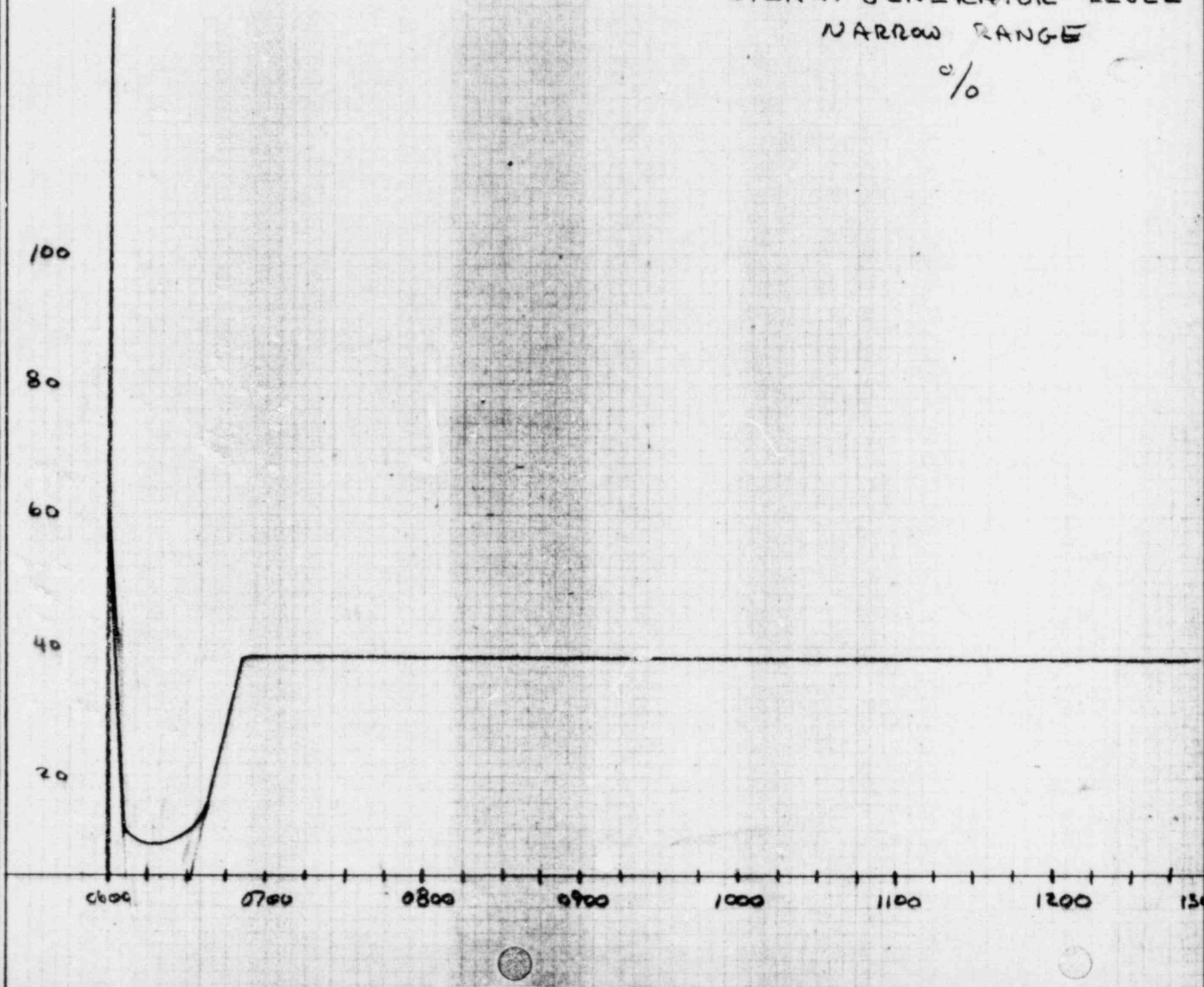
FILE No. _____

MADE BY _____ DATE _____

CHKD. BY _____ DATE _____

SUBJECT _____

STEAM GENERATOR LEVEL
NARROW RANGE
%



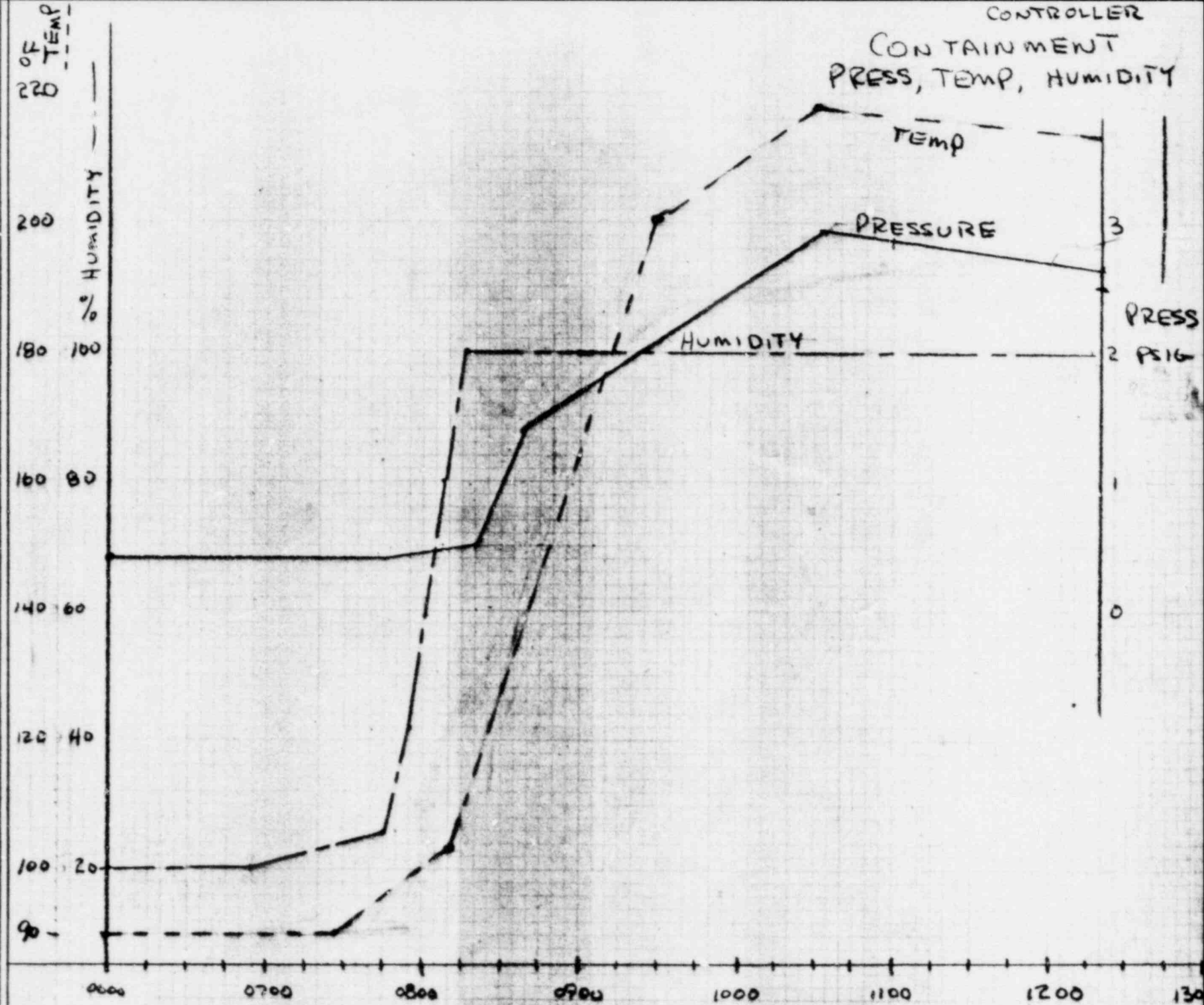
CALCULATION SHEET

SUBJECT _____ MADE BY _____ DATE _____ CHKD. BY _____ DATE _____

SHEET _____ OF _____ FILE No. _____

CONTROLLER

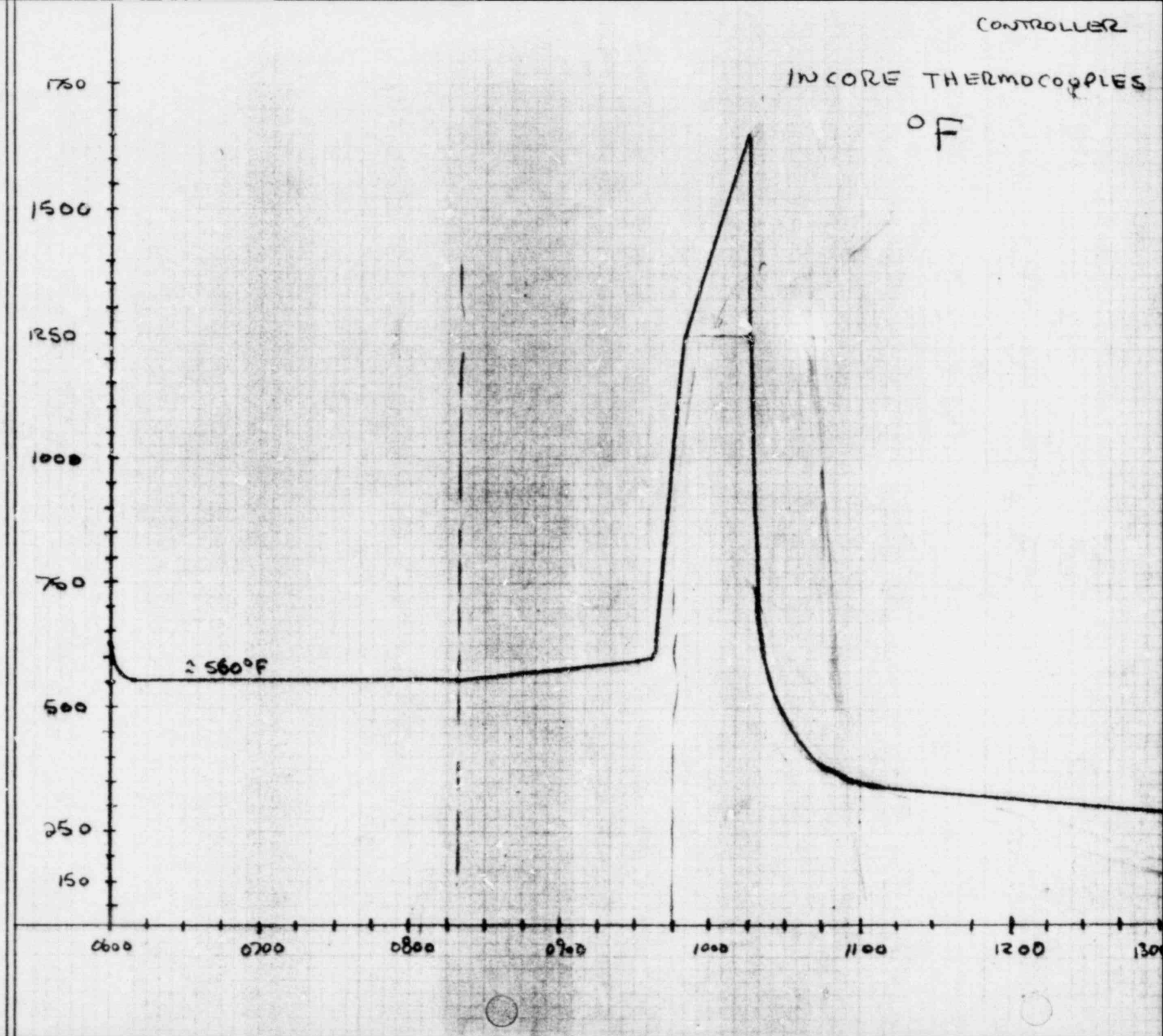
CONTAINMENT
PRESS, TEMP, HUMIDITY



CONTROLLER

INCORE THERMOCOUPLES

°F



SHEET _____ OF _____

FILE No. _____

MADE BY _____ DATE _____

CHKD. BY _____ DATE _____

SUBJECT _____

CALCULATION SHEET

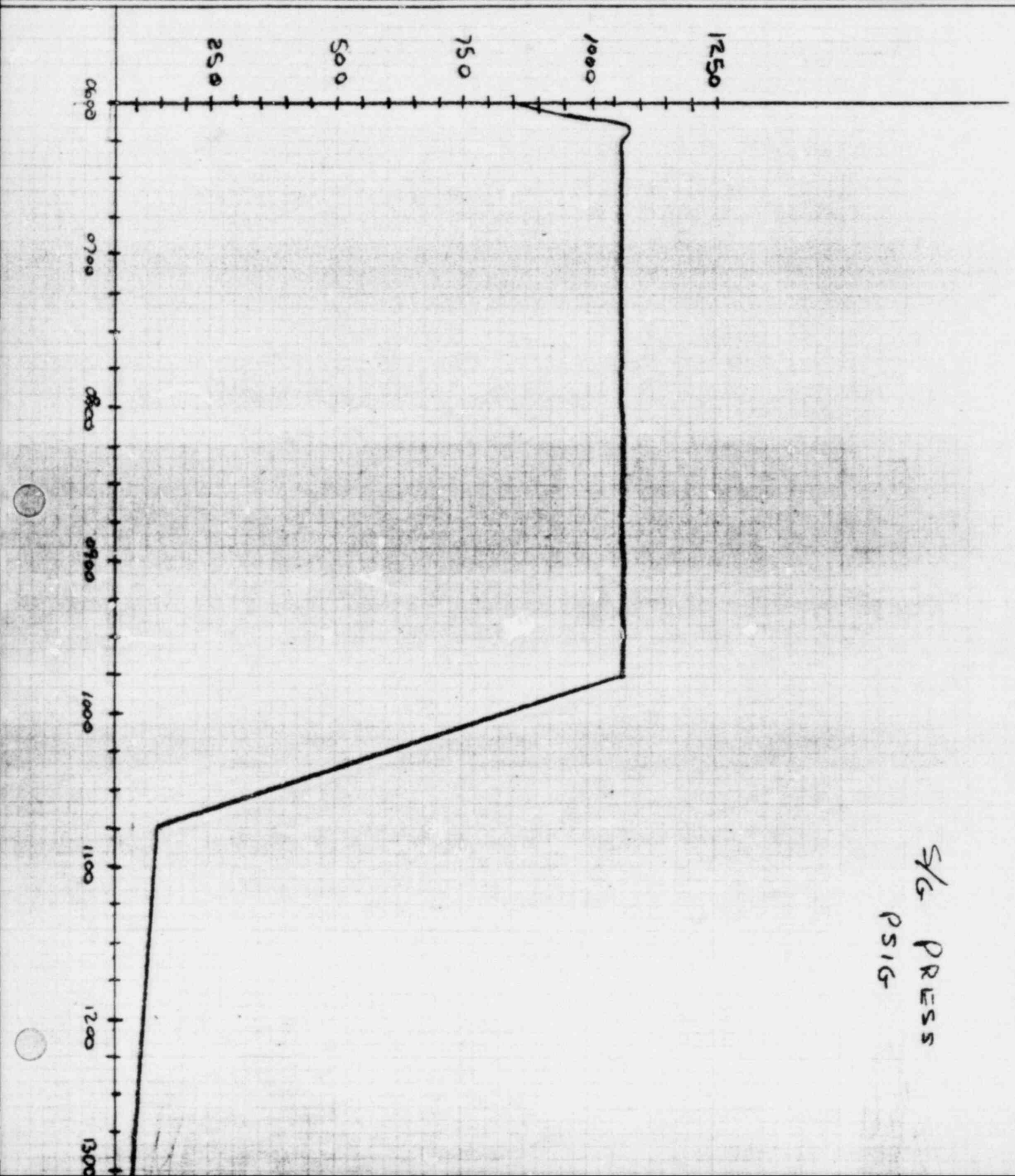
CALCULATION SHEET

SHEET _____ OF _____

FILE NO. _____

SUBJECT _____ MADE BY _____ DATE _____

CHKD. BY _____ DATE _____



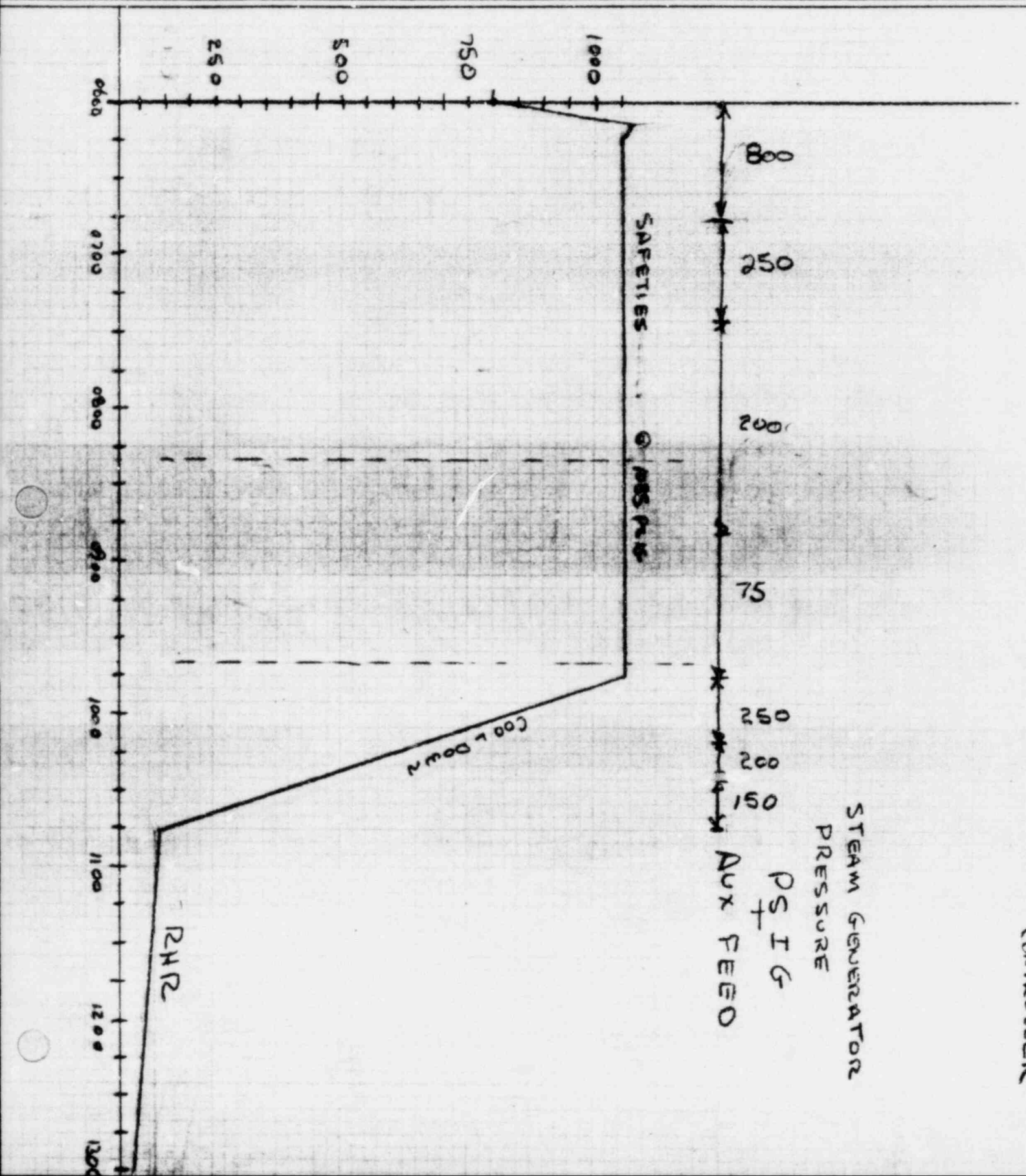
CALCULATION SHEET

SHEET _____ OF _____

FILE No. _____

SUBJECT _____ MADE BY _____ DATE _____

CHKD. BY _____ DATE _____



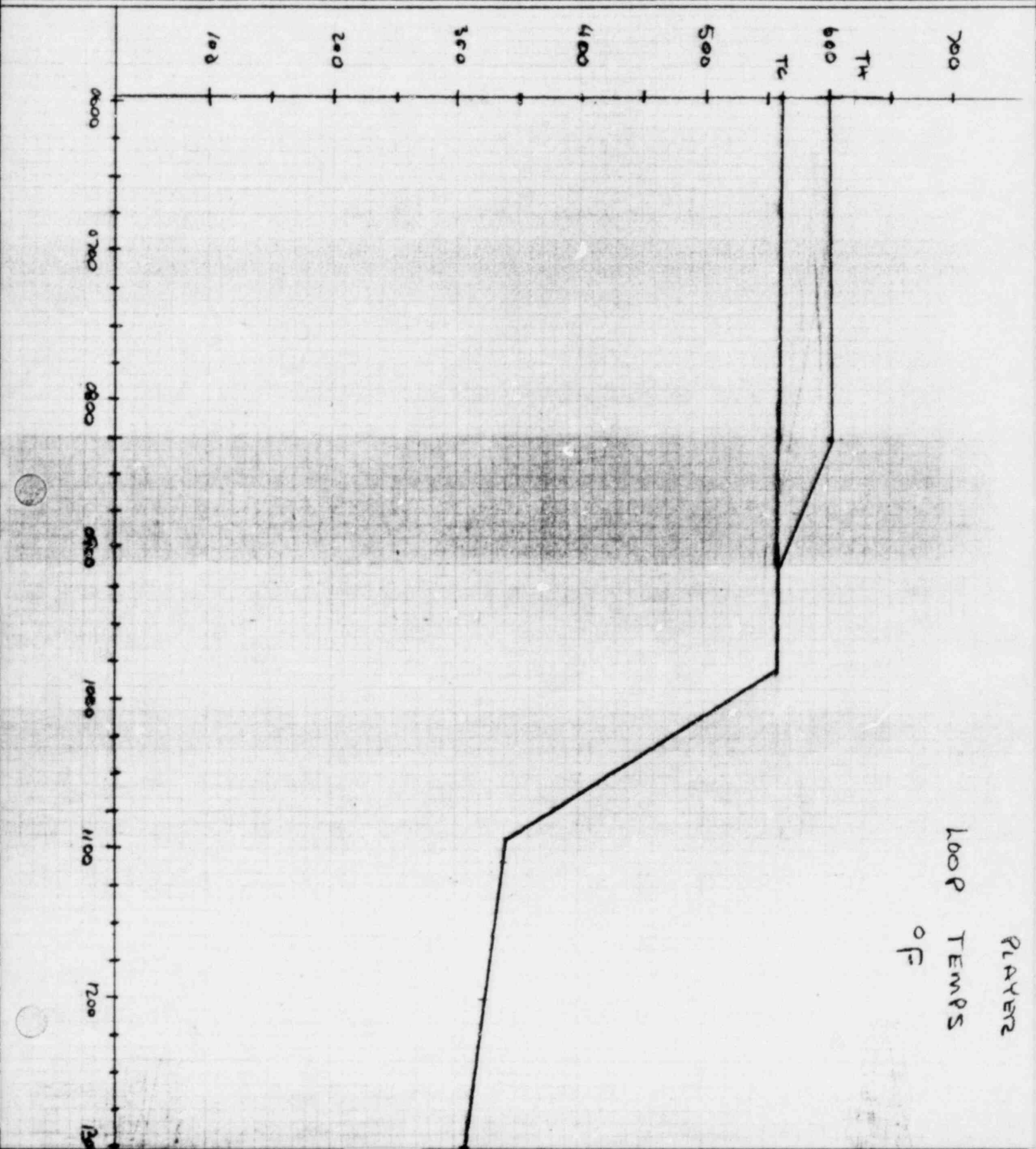
CALCULATION SHEET

SHEET _____ OF _____

FILE No. _____

SUBJECT _____ MADE BY _____ DATE _____

CHKD. BY _____ DATE _____



CALCULATION SHEET

SUBJECT _____ MADE BY _____ DATE _____

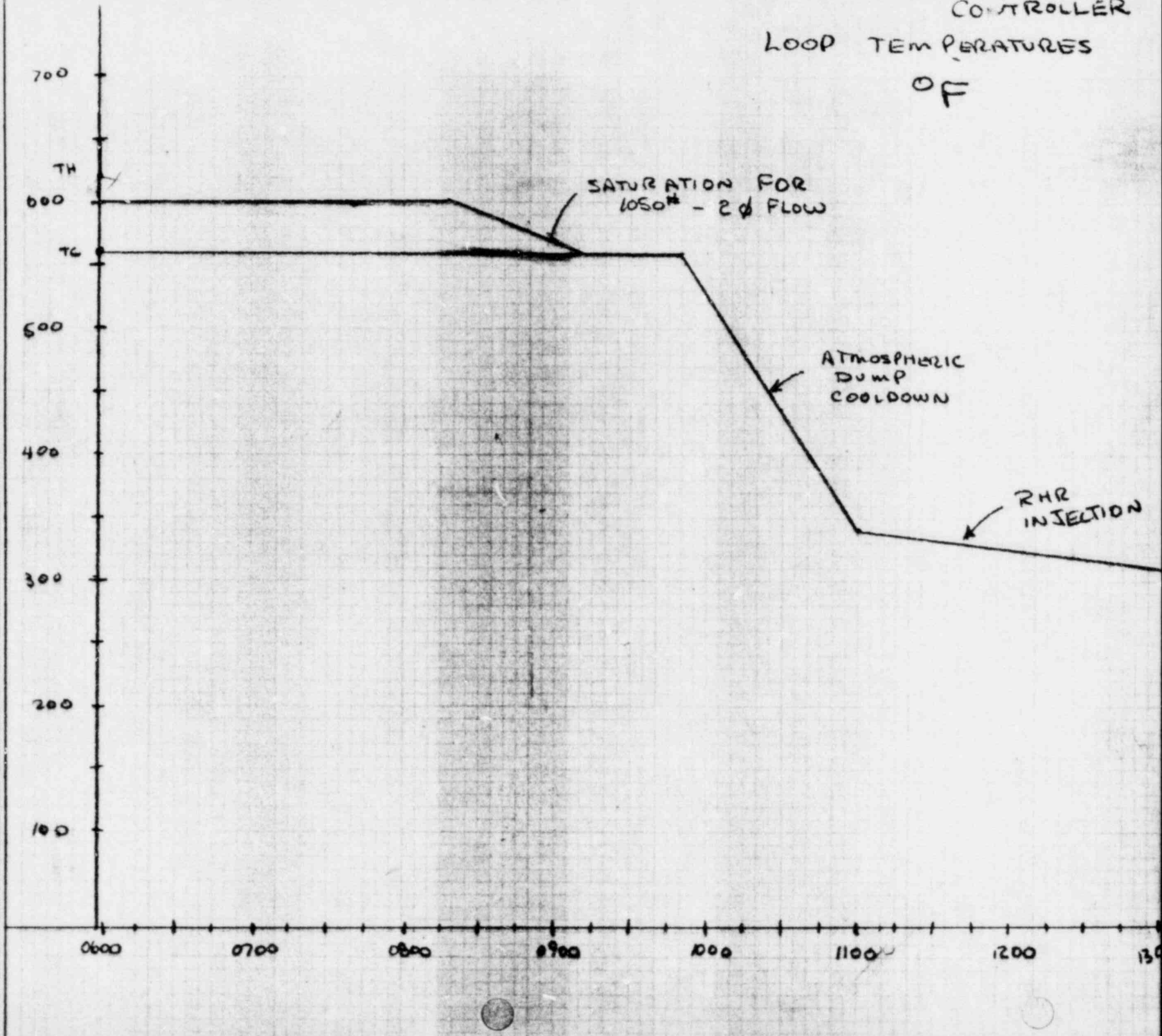
FILE No. _____ CHKD. BY _____ DATE _____

SHEET _____ OF _____

CONTROLLER

LOOP TEMPERATURES

°F



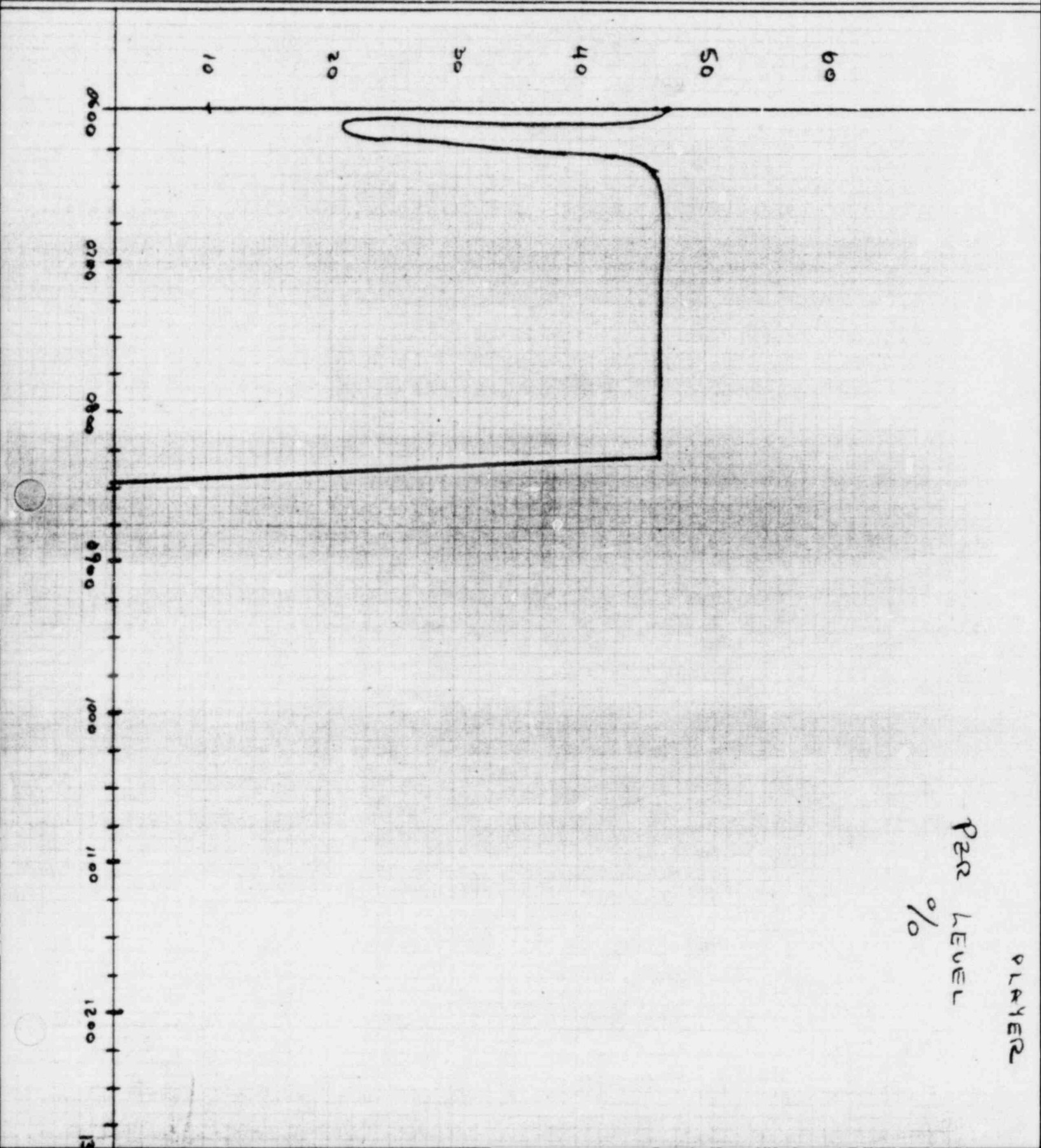
CALCULATION SHEET

SHEET _____ OF _____

FILE No. _____

SUBJECT _____ MADE BY _____ DATE _____

CHKD. BY _____ DATE _____



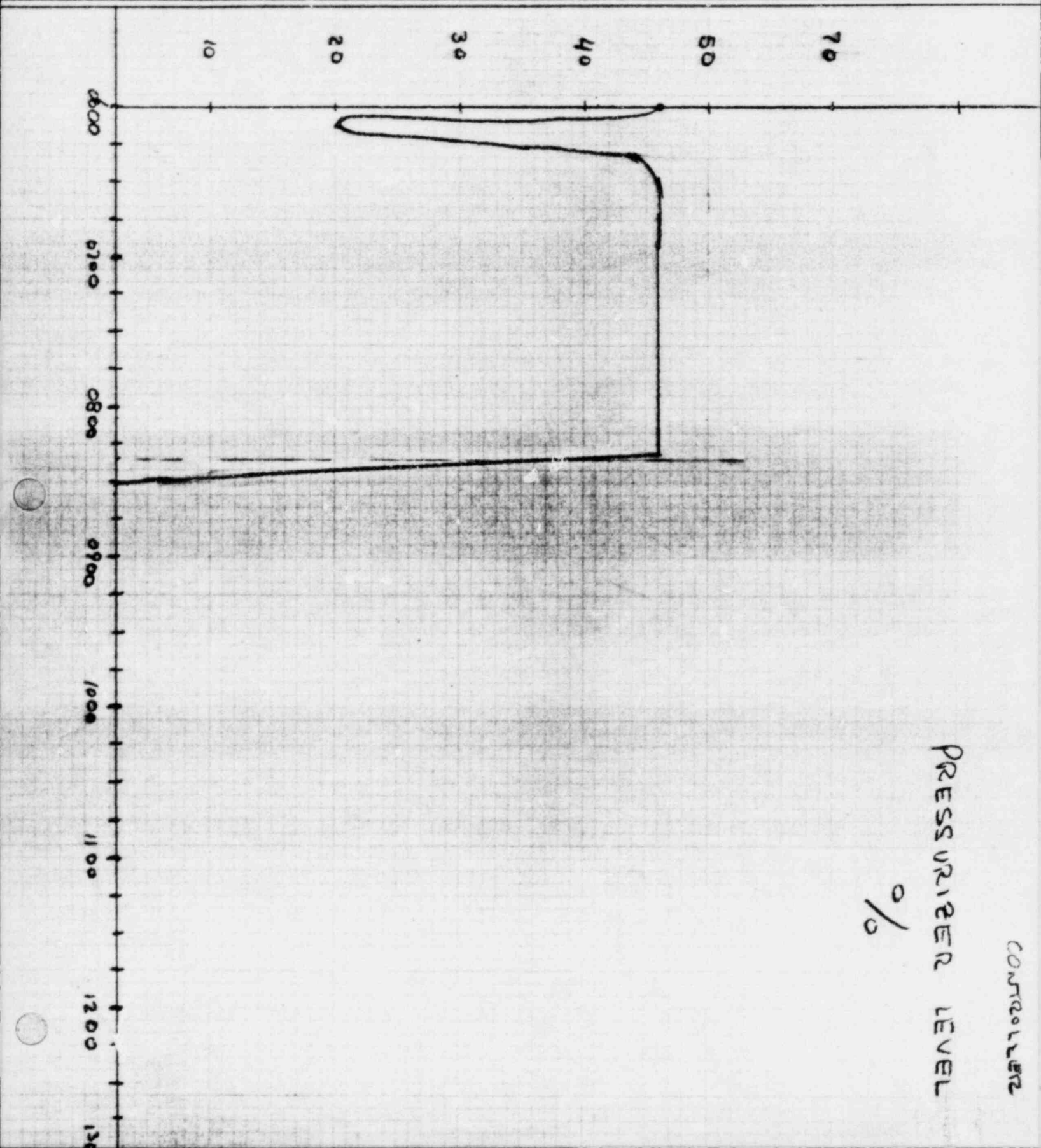
CALCULATION SHEET

SHEET _____ OF _____

FILE No. _____

SUBJECT _____ MADE BY _____ DATE _____

CHKD. BY _____ DATE _____



TIME 0820-0945

T _____ HRS

MESSAGE FOR: Chemistry Lab

SIMULATED PLANT CONDITIONS: Primary coolant leak has started; containment atmosphere sample requested.

MESSAGE: Containment Atmosphere = 1×10^{-4} µCi/cc

Rad levels in area of R11-R12: As measured.

CONTROLLER/OBSERVER NOTES:

Containment atmosphere µCi/cc increasing between 0820 and 0945. Normal level prior to 0820.

ACTION EXPECTED:

Report to TSC.

TIME 0705-1200

T _____ HRS

MESSAGE FOR: Chemistry Lab

SIMULATED PLANT CONDITIONS: Component cooling is lost from 0705 on.
Reactor coolant sample requested.

MESSAGE: Reactor coolant samples:

No water obtained, only steam (depressurized water)
If bomb sample - no results on count.

Radiation levels in Unit 2 sample room:

0705-0945: As measured.
After 0945: 30-40 mR/hr
After recirc is performed, levels increase to 1-2 R/hr.

CONTROLLER/OBSERVER NOTES:

Levels given when surveys taken.

ACTION EXPECTED:

Report to TSC.

TIME 0945

T _____ HRS

MESSAGE FOR: Chemistry Lab

SIMULATED PLANT CONDITIONS: Primary leak, fuel failure suspected. Containment atmosphere sample requested.

MESSAGE: Containment atmosphere: 28.4 µCi/cc

After 1035, rad levels in area of R11-R12 = 100-150 mR/hr.

CONTROLLER/OBSERVER NOTES:

Levels given upon completion of analysis.

ACTION EXPECTED:

Report to TSC.

TIME 1035

T _____ HRS

MESSAGE FOR: Injured Man

SIMULATED PLANT CONDITIONS: Plant Evacuation Alarm

MESSAGE: You have fallen down stairs.
You are unconscious and left leg is fractured.
Do not respond to Gai-tronics.
Remain in place until found by Search & Rescue Team.

CONTROLLER/OBSERVER NOTES:

ACTION EXPECTED:

TIME After 1035

T _____ HRS

MESSAGE FOR: Search & Rescue Team

SIMULATED PLANT CONDITION: Upon discovery of Injured Man

MESSAGE: SYMPTOMS: Compound fracture of lower left leg.
Venous and capillary bleeding.
Shallow breathing, rapid pulse.
Unconscious.

Facade elevators are not operable.

Radiation levels in area of injured man:

100-150 mR/hr

CONTROLLER/OBSERVER NOTES:

S&R Team should not be able to use elevators during search. If attempt to carry down stairwell results in danger, simulate carrying man in stretcher.

ACTION EXPECTED:

First aid - Use proper supplies and procedures. Prepare to transport in stretcher, transport. Communicate man's condition.

TIME After 1035

T _____ HRS

MESSAGE FOR: Search & Rescue Team (or Ambulance Crew if S&R team does not perform appropriate first aid).

SIMULATED PLANT CONDITIONS: After injured man has received first aid, and is treated for shock.

MESSAGE: Injured man regains consciousness, breathing and pulse return to normal (as measured). Bleeding is controlled.

CONTROLLER/OBSERVER NOTES:

Do not simulate carrying man on stretcher. If actual danger is apparent carrying him down facade stairwells, simulate carrying after initial attempt.

ACTION EXPECTED:

Report man's condition, continue to transport.

TIME After 1035

T _____ HRS

MESSAGE FOR: Search & Rescue Team - HP

SIMULATED PLANT CONDITIONS: Injured man has been given first aid, ready to transport to hospital.

MESSAGE: Perform frisking prior to transportation to hospital, obtain drill results.

CONTROLLER/OBSERVER NOTES:

Command card to be used if S&R attempts to transport injured without frisking.

ACTION EXPECTED:

Knowledge of contamination is required to initiate activation of Nuclear First Aid Room (NFAR) at Two Rivers Community Hospital.

TIME After 1035

T _____ HRS

MESSAGE FOR: Search & Rescue Team

SIMULATED PLANT CONDITIONS: Injured man is transported to an area where he can be frisked.

MESSAGE: Contamination levels:

Outer PC's: Knees & chest - 3000 cpm

If PC's are removed, inner clothing: No contamination

Skin contamination: Palms and left side of face:
300 cpm > BG

If decon is attempted prior to transport to hospital:
Skin contamination remains 200 cpm above BG.

CONTROLLER/OBSERVER NOTES:

If PC's are removed, do not simulate cutting. Do not cut personal clothing or remove underwear.

ACTION EXPECTED:

Report that injured man is contaminated should be relayed to hospital and HP. This should result in activation of NFAR.

TIME ~1100

T _____ HRS

MESSAGE FOR: Ambulance Crew

SIMULATED PLANT CONDITIONS: Injured man being transported to hospital. First aid has been performed.

MESSAGE: Condition of patient: Stable, conscious. Vital signs as measured. Compound fracture, lower left leg, bleeding controlled. (No arterial)

Rad contamination present on patient.

Simulate: IV's, Oxygen, medications, cutting personal clothing, high speed transport to hospital.

Patient is to be allowed to act as drill observer during transportation to hospital.

CONTROLLER/OBSERVER NOTES:

Injured man is to act as observer, to report to drill observer at NFAR.

ACTION EXPECTED:

Radio communications en route. Ambulance crew notified of and familiar with proper entrance of hospital for contaminated patient. If a member of S&R team accompanies patient, he should be observed for proper rad con in ambulance.

TIME After 1100

T _____ HRS

MESSAGE FOR: Two Rivers Community Hospital Staff in Nuclear First Aid Room (NFAR).

SIMULATED PLANT CONDITIONS: Injured man has arrived at NFAR

MESSAGE: Condition of Patient: Stable, conscious, vital signs as measured.

Bleeding continues when dressing is removed. Treatment is successful, patient is stabilized.

Simulate: IV's, oxygen, medications, X-rays, hospital admission procedures.

CONTROLLER/OBSERVER NOTES:

ACTION EXPECTED:

Evaluation of patient's condition and stabilizing him should take priority over radiological considerations. The doctor should be in charge, with HP giving information. Proper radiological precautions against spread of contamination.

TIME After 1100

_____ HRS

MESSAGE FOR: HP Personnel at NFAR

SIMULATED PLANT CONDITIONS: Injured man has arrived at NFAR. Frisking is performed.

MESSAGE: Contamination Levels:

Knees & chest of outer PC's: 3000 cpm

Inner clothing: No contamination

Skin: Palms and left side of face: 300 cpm

After initial washing: ≤ background.

CONTROLLER/OBSERVER NOTES:

Cutting should not be simulated when removing PC's. Non-essential personnel (including Press) should be excluded from NFAR.

ACTION EXPECTED:

Proper frisking. Proper precautions against spread of contamination. Recording of information. HP should allow doctor to take charge, and not interfere with initial treatment.

TIME After 1100

T _____ HRS

MESSAGE FOR: HP Personnel at NFAR

SIMULATED PLANT CONDITIONS: Injured man is decontaminated and transferred to other areas of hospital.

MESSAGE: Contamination levels:

(If control is adequate) Floors, HP Personnel, hospital personnel, smears of equipment: ≦ background

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CONTROLLER/OBSERVER NOTES:

If contamination spread is allowed, give HP some contamination levels ~ 150 cpm on contaminated surfaces.

ACTION EXPECTED:

Deactivation of NFAR. Packaging and transport of waste, PC's, etc. to PBNP. Inventory and plant to resupply NFAR. Proper recording of survey data.

TIME 0840

T _____ HRS

MESSAGE FOR: TSC

SIMULATED PLANT CONDITIONS:

MESSAGE: Command Card

You are in a Site Emergency condition.

CONTROLLER/OBSERVER NOTES:

Give to Technical Support Manager if evaluation of event is not completed within 20 minutes.

ACTION EXPECTED:

Actions required by EPIP's.

TIME 0900

T _____ HRS

MESSAGE FOR: TSC

SIMULATED PLANT CONDITIONS:

MESSAGE: Command Card

Commence notification actions for Site Emergency.

CONTROLLER/OBSERVER NOTES:

Give to Technical Support Manager if notifications are not started within 20 minutes.

ACTION EXPECTED:

TIME 1005

T _____ HRS

MESSAGE FOR: TSC

SIMULATED PLANT CONDITIONS:

MESSAGE: Command Card

You are in a General Emergency condition.

CONTROLLER/OBSERVER NOTES:

Give to Technical Support Manager if evaluation has not been done within 20 minutes.

ACTION EXPECTED:

Applicable actions for General Emergency in accordance with EPIP's.

TIME 1025

T _____ HRS

MESSAGE FOR: TSC

SIMULATED PLANT CONDITIONS:

MESSAGE: Command Card

Commence notifications for a General Emergency.

CONTROLLER/OBSERVER NOTES:

Give to Technical Support Manager if notifications have not started within 20 minutes.

ACTION EXPECTED:

Applicable actions for General Emergency in accordance with EPIP's.

TIME 1055

T _____ HRS

MESSAGE FOR: TSC (POM or CHP Supervisor)

SIMULATED PLANT CONDITIONS: Injured man needs transportation to the hospital.

MESSAGE: Command Card

Call Two Rivers Ambul...e Service to transport the injured party.

Call hospital to give registration information.

CONTROLLER/OBSERVER NOTES:

This should happen within 30 minutes after the man is found and the TSC knows the nature of the injuries and that the Company ambulance will not start.

ACTION EXPECTED:

Call ambulance and hospital.

TIME 1415

T _____ HRS

MESSAGE FOR: TSC (TSM or TSC Communicator)

SIMULATED PLANT CONDITIONS: Deescalate to Site Emergency

MESSAGE: Command Card

Regulations do not provide for timely notification of a deescalation, however to provide for a timely completion of the exercise, please make the notification of the State and local agencies at this time.

Please give meteorological update as well.

CONTROLLER/OBSERVER NOTES:

This should happen within 15 minutes of learning of the Site Emergency.

ACTION EXPECTED:

TIME 1615

T _____ HRS

MESSAGE FOR: TSC

SIMULATED PLANT CONDITIONS: Plant conditions warrant a deescalation to Alert.

MESSAGE: Command Card

Make notification calls for Alert.

CONTROLLER/OBSERVER NOTES:

Notifications should occur 15 minutes after reclassification.

ACTION EXPECTED:

Notification message.

TIME 1055

T _____ HRS

MESSAGE FOR: ESC (ESM or Communicator)

SIMULATED PLANT CONDITIONS: Containment Release

MESSAGE: Command Card

State of Wisconsin and Manitowoc and Kewaunee counties should be called about release. This notification should be made via normal telephone lines.

Protective action recommendation should be made.

CONTROLLER/OBSERVER NOTES:

This call should be made to allow the State and counties to react in a timely manner. This card should be given 10 minutes after receiving the information from the TSC.

ACTION EXPECTED:

Update notification of State and local counties.

TIME 1215

T _____ HRS

MESSAGE FOR: ESC (ESM, Rad/Con Waste Manager, or Communicator)

SIMULATED PLANT CONDITIONS: Change in release rate and change in wind conditions.

MESSAGE: Command Card

Notify the State and local counties of meteorological and release rate changes.

CONTROLLER/OBSERVER NOTES:

This notification should be done within 15 minutes of learning of the changes.

ACTION EXPECTED:

Make notification calls.

TIME 1315

T _____ HRS

MESSAGE FOR: ESC (ESM, Rad/Con Waste Manager)

SIMULATED PLANT CONDITIONS: Wind speed and stability class have changed.

MESSAGE: Command Card

Notify State and local counties of changes.

CONTROLLER/OBSERVER NOTES:

Within 15 minutes of learning of the changes, issue this command card.

ACTION EXPECTED:

Notifications made.

TIME 1515

T _____ HRS

MESSAGE FOR: ESC

SIMULATED PLANT CONDITIONS: Meteorological conditions change.

MESSAGE: Command Card

Update State and local agencies.

CONTROLLER/OBSERVER NOTES:

This update should occur within 15 minutes of the ESC knowing about the meteorological data.

ACTION EXPECTED:

Notifications.

TIME 1715

T _____ HRS

MESSAGE FOR: ESC

SIMULATED PLANT CONDITIONS:

MESSAGE: Command Card

Inform all offsite agencies notified of completion of exercise if not already done.

CONTROLLER/OBSERVER NOTES:

Give this to the Emergency Support Manager at 1715 if the notifications have not already commenced.

ACTION EXPECTED:

Make notifications.

TIME 1100

T _____ HRS

MESSAGE FOR: ENC Director

SIMULATED PLANT CONDITIONS: Radioactive release has happened.

MESSAGE: Command Card

News release or conference should be held to give out the fact of a release. If protective action has been recommended by the Emergency Support Manager, the State should be consulted prior to issuing a press release.

CONTROLLER/OBSERVER NOTES:

This action should take place within 30 minutes after learning of the release and discussing it with the State.

ACTION EXPECTED:

News release or conference.