

FROM: **Niagara Mohawk Power Corp.**

Minot H. Pratt

DATE OF DOCUMENT:
4-9-69

DATE RECEIVED:
4-10-69

NO.: **1204**

LTR: MEMO: REPORT: OTHER:
TWX

TO:
Morris

ORIG.: **1** CC: OTHER:

ACTION NECESSARY CONCURRENCE DATE ANSWERED:
NO ACTION NECESSARY COMMENT BY:

CLASSIF.: **U** POST OFFICE REG. NO:

FILE CODE: **50-220**

DESCRIPTION: (Must Be Unclassified)
TWK dtd 4-9-69 submitted as AMDT 13 consisting of resumes for J. Fray, W.H. Brown, G.P. Chew, & T.G. Hersum & info on operations to be performed

REFERRED TO	DATE	RECEIVED BY	DATE
W/6 cys for action	4-10-69		

ENCLOSURES: by Reactor Operators...

DISTRIBUTION:

Reg file cy	OGC		
AEC PDR			
Compliance (2)			
H. Price & Staff			
Skovholt			
D. Thompson			
Dube/Levine			
Rosen			
Moore			
Howe			
Dromerick (2)			
Kelly (2)			

Do Not REMOVE

REMOVE

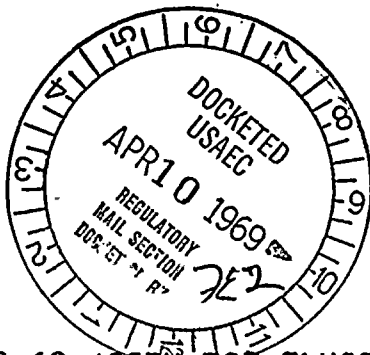
REMARKS:
Final amdt will be submitted at later dtd date.
18 cys sent ACP5. 4-10-69

50

WESTERN UNION INCOMING

BETH

0008



1969 APR 9 PM 6 50

USAEC HQS GTWN

U.S. ATOMIC ENERGY COMM.
T.W.X. UNIT.

GE DPD WSH

WASHINGTON D C 4-9-69 433PM EST TLX003

U. S. ATOMIC ENERGY COMMISSION WASHINGTON, D.C.

ATTENTION - DR. PETER A. MORRIS

DIRECTOR, DIVISION OF REACTOR LICENSING

REFERENCE: AEC DOCKET NUMBER 50-220

Regulatory

File Cyd

1969 APR 10 AM 8 31

RECEIVED
HEADQUARTERS
MAIL SERVICE SECTION

IN THE MATTER OF NIAGARA MOHAWK POWER CORPORATION, THIS TELEGRAM CONSTITUTES AMENDMENT #13 TO OUR APPLICATION FOR LICENSES FOR THE NINE MILE POINT NUCLEAR STATION.

1. THE GE SITE MANAGER, OPERATIONS SUPERINTENDENT AND SHIFT SUPERINTENDENTS WILL TAKE THE EXAMINATION FOR PRE-CRITICAL SENIOR OPERATORS LICENSE. HOWEVER, IN ANY EVENT THERE WILL BE AT LEAST ONE MAN ON EACH SHIFT IN CHARGE OF OPERATION WHO HAS OBTAINED A SENIOR REACTOR OPERATOR'S LICENSE.

2. RESUMES FOR THE GE TEST, DESIGN AND ANALYSIS PRINCIPAL ENGINEER AND HIS ASSIGNED ASSISTANTS FOLLOW BELOW:

NAME - J. FRAY AGE - 45
EDUCATION - MANCHESTER UNIVERSITY (UK) - C. ENG. M.I.E.E.
(1955) PRESTON TECHNICAL COLLEGE (UK) -
PHYSICS (1967)

POSITION TITLE: TEST DESIGN AND ANALYSIS PRINCIPAL ENGINEER,
GENERAL ELECTRIC COMPANY

WORK EXPERIENCE - 1948 TO 1958 - CEGB.
COMMISSIONING & FIELD TESTING WORK ON
MODERN CONVENTIONAL POWER STATIONS.

1958 TO 1961 - UKAEA, CHAPELCROSS.
WORKS ELECTRICAL ENGINEER

1961 TO 1968 - UKAEA, RISLEY.
REACTOR TECHNOLOGIST, CONCERNED WITH DEVELOPMENT
OF POWER REACTOR DESIGNS IN AREAS OF CONTROL.
SAFETY, CORE STATISTICS AND KINETICS.

✓
20

NOV 20 1950

RECEIVED

U.S. ATOMIC ENERGY COMMISSION

WASHINGTON, D.C.

U.S. ATOMIC ENERGY COMMISSION

WASHINGTON, D.C.

ATTENTION - DR. PETER A. RAVEN

DIRECTOR, DIVISION OF REACTOR LICENSING

REFERENCE: AEC DECRET NUMBER 50-250

IN THE MATTER OF MAJOR LEONARD ROBER CORPORATION, THIS
TELEGRAM CONSTITUTES AMENDMENT NO. 1 TO OUR APPLICATION
FOR LICENSE FOR THE TIME WITH POINT NUTLOR STATION.

1. THE OF SITE MAJOR LEONARD ROBER CORPORATION SUPERINTENDENT AND
SHIFT SUPERINTENDENTS WILL TAKE THE EXAMINATION FOR
THE-CRITICAL SENIOR OPERATORS LICENSE. HOWEVER, IN ANY EVENT
THERE WILL BE AT LEAST ONE MAN ON EACH SHIFT IN CHARGE OF
OPERATION WHO HAS OBTAINED A SENIOR REACTOR OPERATOR'S LICENSE.

2. RESULTS FOR THE REACTOR SENIOR AND ANALYSIS PRINCIPAL
ENGINEER AND HIS ASSIGNED ASSISTANTS FOLLOWS BELOW:

NAME - J. RAY
AGE - 42
EDUCATION - MANCHESTER UNIVERSITY (B.S.) - C. ENG. M.I.E.E.
(1922) PRESTON TECHNICAL COLLEGE (DIP) -

PHYSICS (1923)

POSITION TITLE: TEST DESIGN AND ANALYSIS PRINCIPAL ENGINEER

NAME OF EMPLOYER: GENERAL ELECTRIC COMPANY

ADDRESS: 1200 N. 10TH ST. - MILWAUKEE, WIS.

DATE OF EXAMINATION: NOVEMBER 15, 1950

EXAMINER: DR. PETER A. RAVEN

REMARKS: ALL TESTS PASSED

DATE OF EXAMINATION: NOVEMBER 15, 1950

EXAMINER: DR. PETER A. RAVEN

REMARKS: ALL TESTS PASSED

(2)

1968 TO PRESENT - GENERAL ELECTRIC COMPANY, APED -

SAN JOSE, CALIFORNIA.

PREPARED TECHNICAL SPECIFICATIONS FOR
TARAPUR AND BROWN'S FERRY PLANTS.

NAME - W. H. BROWN

AGE - 29

EDUCATION - SAN JOSE STATE COLLEGE - B.S. MECHANICAL ENGINEERING
UNIVERSITY OF ARIZONA - M.S. NUCLEAR ENGINEERING
(1965)

POSITION TITLE - TEST DESIGN AND ANALYSIS ENGINEER, GENERAL
ELECTRIC CO.

WORK EXPERIENCE - SUMMER, 1962 - MARE ISLAND NAVAL SHIPYARD.
ENGINEERING ASSISTANT WITH NUCLEAR
POWER DIVISION.

1965 TP PRESENT - GENERAL ELECTRIC COMPANY, APED -
SAN JOSE, CALIFORNIA.
METHODS DEVELOPMENT, NUCLEAR ENGINEERING,
AND TEST DESIGN AND ANALYSIS. PERFORMED
PRE-STARTUP ANALYSES AND STARTUP TEST
PROCEDURES FOR TARAPUR. WROTE A PORTION
OF GE-BWR NUCLEAR ENGINEER'S
MANUAL. CURRENTLY ASSIGNED TO TARAPUR AS TEST
DESIGN AND ANALYSIS ENGINEER.

NAME - G. P. CHEW

AGE - 27

EDUCATION - MICHIGAN TECH. - B.S. APPLIED PHYSICS (1966)

POSITION TITLE - TEST DESIGN AND ANALYSIS ENGINEER,
GENERAL ELECTRIC COMPANY

WORK EXPERIENCE -

SUMMER, 1965 - CONSUMERS POWER COMPANY.

CHEMICAL TECHNICIAN. PERFORMED CHEMICAL
AND RADIOCHEMICAL ANALYSES ON REACTOR WATER
AND RADWASTE WSYSTEMS.

1966 TO 1969 - LOCKHEED MISSILES AND SPACE COMPANY.

PLANNED, COORDINATED AND DIRECTED REACTORP
ENVIRONMENT RADIATION EFFECTS TESTS ON
MISSILE ELECTRONIC HARDWARE IN THE WEAPONS
EFFECTS TEST DEPARTMENT OF THE MISSILE
SYSTEMS DIVISION.

1969 TO PRESENT - GENERAL ELECTRIC COMPANY, APED - SAN JOSE,
CALIF. PERFORMED STARTUP TEST CALCULATIONS FOR
QUAD CITIES - 1, PARTICIPATED IN REACTOR
SIMULATOR TRAINING COURSE.

NAME - T. G. HERSUM

AGE - 27

EDUCATION - PACIFIC UNIVERSITY - B. S. MATHEMATICS, PHYSICS
MICHIGAN TECH. - M.S. NUCLEAR ENGINEERING
ARGONNE NATIONAL LABORATORY - THESIS WORK

POSITION TITLE - TEST DESIGN AND ANALYSIS ENGINEER,
GENERAL ELECTRIC COMPANY

120

1968 TO PRESENT - GENERAL ELECTRIC COMPANY, WYOMING

SAN JOSE, CALIFORNIA

PREPARED TECHNICAL SPECIFICATIONS FOR

TANAPUR AND LECHE'S FERRY PLANTS

AGE - 52

NAME - G. H. BROWN

EDUCATION - SAN JOSE STATE COLLEGE - B.S. MECHANICAL ENGINEERING

UNIVERSITY OF ARIZONA - M.S. NUCLEAR ENGINEERING

(1963)

POSITION TITLE - TEST DESIGN AND ANALYSIS ENGINEER, GENERAL

ELECTRIC CO.

WORK EXPERIENCE - SUMMER 1965 - HARBOR ISLAND NAVAL SHIPYARD.

ENGINEERING ASSISTANT WITH NUCLEAR

POWER DIVISION.

1965 TO PRESENT - GENERAL ELECTRIC COMPANY, WYOMING

SAN JOSE, CALIFORNIA

METHODS DEVELOPMENT, NUCLEAR ENGINEERING

AND TEST DESIGN AND ANALYSIS. PERFORMED

PRE-STARTUP ANALYSES AND STARTUP TEST

PROCEDURES FOR TANAPUR. WROTE A PORTION

OF 6E-LWR NUCLEAR ENGINEER'S

HANDBOOK. CURRENTLY ASSIGNED TO TANAPUR AS TEST

DESIGN AND ANALYSIS ENGINEER.

AGE - 51

NAME - G. P. GREN

EDUCATION - MICHIGAN TECH. - B.S. APPLIED PHYSICS (1966)

POSITION TITLE - TEST DESIGN AND ANALYSIS ENGINEER,

GENERAL ELECTRIC COMPANY

WORK EXPERIENCE -

SUMMER 1965 - CONSUMERS POWER COMPANY.

CHEMICAL TECHNOLOGIST. PERFORMED CHEMICAL

AND RADIOCHEMICAL ANALYSES ON REACTOR WATER

AND RADWASTE SYSTEMS.

1966 TO 1969 - LOCKHEED MISSILES AND SPACE COMPANY.

PLANNED, COORDINATED AND DIRECTED RESEARCH

ENVIRONMENT RADIATION EFFECTS TESTS ON

MISSILE ELECTRONIC HARDWARE IN THE WEAPONS

EFFECTS TEST DEPARTMENT OF THE MISSILE

SYSTEMS DIVISION.

1969 TO PRESENT - GENERAL ELECTRIC COMPANY, WYOMING

SAN JOSE, CALIF. PERFORMED ANALYSIS TESTS ON

REACTOR WATER AND RADWASTE SYSTEMS.

PERFORMED ANALYSES ON REACTOR WATER

AGE - 50

NAME - J. C. BROWN

EDUCATION - CALIFORNIA POLYTECHNIC STATE UNIVERSITY

SAN JOSE, CALIF. - B.S. ELECTRICAL ENGINEERING

1964 TO 1969 - LOCKHEED MISSILES AND SPACE COMPANY

PLANNED, COORDINATED AND DIRECTED RESEARCH

ENVIRONMENT RADIATION EFFECTS TESTS ON

MISSILE ELECTRONIC HARDWARE IN THE WEAPONS

WORK EXPERIENCE -

1966 TO PRESENT - GENERAL ELECTRIC COMPANY, APED -

SAN JOSE, CALIFORNIA.

THERIONIC REACTOR PHYSICS, FAST REACTOR PHYSICS, TEST DESIGN AND ANALYSIS.

PERFORMED NUCLEAR CALCULATIONS FOR NINE MILE POINT TEST INSTRUCTIONS, PREPARED SELECTED STARTUP TEST PROCEDURES FOR NINE MILE POINT, DRESDEN-2, AND MILLSTONE PLANTS. PERFORMED THERMAL HYDRAULIC ANALYSES FOR THE MONTICELLO STARTUP TEST INSTRUCTIONS. CO-AUTHORED REPORT ON FIELD TESTING REQUIREMENTS FOR GE-BWR CORE COMPONENTS. PARTICIPATED IN REACTOR SIMULATOR TRAINING COURSE.

PRESENTLY ASSIGNED TO OYSTER CREEK STARTUP TESTING ACTIVITIES.

EM. PRE-OPERATIONAL TESTS, FUEL LOADING, STARTUP AND POWER ASCENSION TEST PROCEDURES PREPARED BY GE WILL BE REVIEWED BY THE STATION OPERATIONS REVIEW COMMITTEE AND THE SAFETY REVIEW AND AUDIT BOARD AS WILL THE RESULTS OBTAINED FROM THE TESTS.

4. THE NORMAL SHIFT CREW WILL CONSIST OF A STATION SHIFT SUPERVISOR (SSS), A CONTROL ROOM OPERATOR, DESIGNATED AS SHIFT CONTROL OPERATOR (SCO), AND TWO AUXILIARY OPERATORS (AOD) AND (AOC).

A. STATION SHIFT SUPERVISOR -

THE SHIFT SUPERVISOR IS THE SENIOR MAN ON SHIFT AND IS A MEMBER OF NIAGARA MOHAWK MANAGEMENT. HIS FUNCTION INCLUDES DIRECTION OF SHIFT ACTIVITIES, AUTHORIZATION OF EQUIPMENT RELEASES FOR MAINTENANCE, ASSUMING THAT THE PLANT IS OPERATED SAFETY AND WITHIN THE LICENSE AND TECHNICAL SPECIFICATIONS AND ASSUMING THAT PLANT OPERATIONS AND CONDUCTED IN ACCORDANCE WITH APPROVED PROCEDURES. GENERALLY HE DOES NOT PERFORM MANIPULATIVE TASKS SUCH AS SWITCHING AND STARTUP OF EQUIPMENT. IN AN EMERGENCY SITUATION. HOWEVER, IT IS EXPECTED THAT HE COULD PERFORM MANIPULATIVE FUNCTIONS TO ASSURE THAT THE PLANT IS IN A SAFE CONDITION. THE SHIFT SUPERVISOR IS REQUIRED TO POSSESS A SENIOR OPERATOR'S LICENSE.

B. SHIFT CONTROL OPERATOR -

THE SCO IS IN CHARGE OF THE OPERATION OF THE CONTROL ROOM. FROM THIS POSITION, HE IS ABLE TO CONTROL THE STARTING AND STOPPING OF ALL MAJOR PIECES OF EQUIPMENT AND THE CONTROL OF THE REACTOR AND TURBINE

GENERAL ELECTRIC COMPANY, ABERD -
SAN JOSE, CALIFORNIA.

THEORETICAL REACTOR PHYSICS, FAST REACTOR
PHYSICS, TEST DESIGN AND ANALYSIS,
PERFORMED NUCLEAR CALCULATIONS FOR
NINE MILE POINT TEST INSTRUCTIONS,
PREPARED SELECTED STARTUP TEST PROCEDURES
FOR NINE MILE POINT, DRESDEN-2, AND
MILLSTONE PLANTS, PERFORMED THERMAL
HYDRAULIC ANALYSES FOR THE MONTICELLO
STARTUP TEST INSTRUCTIONS, CO-AUTHORED
REPORT ON FIELD TESTING REQUIREMENTS FOR
GE-2WR CORE COMPONENTS, PARTICIPATED IN
REACTOR SIMULATOR TRAINING COURSE,
PRESENTLY ASSIGNED TO OYSTER CREEK STARTUP
TESTING ACTIVITIES.

ON THE-OPERATIONAL TESTS, FUEL LOADING, STARTUP AND TOWER
ASSOCIATION TEST PROCEDURES PREPARED BY ME WILL BE REVIEWED
BY THE STATION OPERATIONS REVIEW COMMITTEE AND THE EARLY
REVIEW AND AUDIT BOARD AS WELL AS THE RESULTS CONTAINED FROM
THE TESTS.

4. THE NORMAL SHIFT CREW WILL CONSIST OF A STATION SHIFT
SUPERVISOR (SSS), A CONTROL ROOM OPERATOR, DESIGNATED
AS SHIFT CONTROL OPERATOR (SCO), AND TWO AUXILIARY
OPERATORS (AO) AND (ACO).

A. STATION SHIFT SUPERVISOR -
THE SHIFT SUPERVISOR IS THE SENIOR MAN ON SHIFT
AND IS A MEMBER OF NUCLEAR POWER MANAGEMENT. HIS
FUNCTION INCLUDES DIRECTION OF SHIFT ACTIVITIES,
AUTHORIZATION OF EQUIPMENT RELEASES FOR MAINTENANCE,
ASSURING THAT THE PLANT IS OPERATED SAFELY AND
WITHIN THE LICENSE AND TECHNICAL SPECIFICATIONS AND
ASSURING THAT PLANT OPERATIONS AND CONDUCTED IN
ACCORDANCE WITH APPROVED PROCEDURES. GENERALLY
HE DOES NOT PERFORM MANIPULATIVE TASKS SUCH AS
SWITCHING AND STARTUP OF EQUIPMENT. IN AN EMERGENCY
SITUATION, HOWEVER, IT IS EXPECTED THAT
HE COULD PERFORM MANIPULATIVE FUNCTIONS TO ASSURE
THAT THE PLANT IS IN A SAFE CONDITION. THE SHIFT
SUPERVISOR IS REQUIRED TO POSSESS A SENIOR
REACTOR LICENSE.

3. SHIFT CONTROL OPERATOR -

THE SC IS IN CHARGE OF THE CONTROL ROOM DURING THE
SHIFT. HE IS RESPONSIBLE FOR THE OPERATION OF THE
PLANT AND FOR THE SAFETY OF THE PLANT AND THE
PUBLIC. HE IS REQUIRED TO POSSESS A SENIOR
REACTOR LICENSE.

HAS THE ABILITY TO OPEN AND CLOSE THE MAJOR POWER BOARD BREAKERS IN THE STATION AS WELL AS THE LINE BREAKERS IN THE SWITCHYARD. BESIDES THE MANY METERS AND ANNUNCIATORS, A COMPUTER IS AVAILABLE WHICH AUTOMATICALLY PRINTS OUT ALARMS FOR OFF-NORMAL CONDITIONS AND STATION OPERATING DATA, INCLUDING SUCH ITEMS AS PUMP AND MOTOR-BEARING TEMPERATURES. HE IS THE KEY MAN IN DETERMINING THAT ENGINEERED SAFETY FEATURES PERFORM AS REQUIRED IN THE EVENT OF A LOSS OF COOLANT ACCIDENT. THE SENIOR CONTROL OPERATOR IS REQUIRED TO OBTAIN AN AEC REACTOR OPERATOR'S LICENSE.

C. AUXILIARY OPERATORS "D" AND "C" -

THE TWO ROVING OPERATORS ARE THE HIGHEST GRADE OF STEAM PLANT OPERATORS IN THE NIAGARA MOHAWK POWER CORPORATION SYSTEM. THERE ARE TWO LOWER GRADES OF OPERATORS, BUT THESE GRADES ARE NOT EMPLOYED AT NINE MILE POINT. BOTH THE AOC AND AOD PROVIDE OPERATIONAL ATTENDANCE TO THE STATION EQUIPMENT ON SHIFT. THESE DUTIES WILL INCLUDE CHECKING THE ROTATING EQUIPMENT, CHECKING OIL LEVELS IN BEARINGS, CHECKING THE OPERATION OF THE SCREEN-HOUSE, AND HANDLING THE DUTIES OF THE SOLID AND LIQUID WASTE SYSTEMS. THE DUTIES OF THE AOD ARE THE SAME AS THE AOC, BUT HE HAS THE ADDED DUTIES OF MARKING UP THE EQUIPMENT AT THE DIRECTION OF THE SSS, PERFORMING ELECTRICAL SWITCHING IN THE STATION AND IN THE SWITCHYARD, AND MINOR MECHANICAL AND ELECTRICAL MAINTENANCE. ALTHOUGH ONLY THE SHIFT CONTROL OPERATOR WILL BE REQUIRED TO HOLD A REACTOR OPERATORS LICENSE, IT IS EXPECTED THAT THE AOC'S WILL ALSO BE LICENSED TO PROVIDE A HIGHER QUALITY OF OPERATING STAFF.

THE COMPUTER SUPPLIES THE SCO OPERATION INFORMATION OF THE STATION EQUIPMENT UNDER CONTINUOUS SURVEILLANCE. IF THE COMPUTER IS OUT OF SERVICE DURING A STATION STARTUP, AT LEAST ONE MORE OPERATOR WOULD SUPPLEMENT THE REGULAR SHIFT PERSONNEL.

D. THE ON-SHIFT OPERATORS ARE NOT RESPONSIBLE FOR CONDUCTING DETAILED HEALTH PHYSICS SURVEYS. BUT WILL MONITOR TO PERFORM NORMAL WORK ROUTINES. NEITHER WILL THEY BE RESPONSIBLE FOR INSTRUMENTATION CALIBRATION, PERFORMANCE OF TECHNICAL SPECIFICATION TESTING BEYOND FUNCTIONAL CHECKS, OR WATER CHEMISTRY TESTING. SUCH FUNCTIONS WILL BE PERFORMED BY MEMBERS OF THE DESIGNATED MAINTENANCE AND TECHNICAL SUPPORT GROUPS.

HE ALSO HAS THE ABILITY TO OPEN AND CLOSE THE MAJOR POWER BREAKERS IN THE STATION AS WELL AS THE LINE BREAKERS IN THE SWITCHYARD. BESIDES THE MANY METERS AND ANNUNCIATORS, A COMPUTER IS AVAILABLE WHICH AUTOMATICALLY PRINTS OUT ALARMS FOR OFF-NORMAL CONDITION 2 AND STATION OPERATING DATA, INCLUDING SUCH ITEMS AS PUMP AND MOTOR-BEARING TEMPERATURES. HE IS THE KEY MAN IN DETERMINING THAT ENGINEERED SAFETY FEATURES PERFORM AS REQUIRED IN THE EVENT OF A LOSS OF COAST ACCIDENT. THE SENIOR CONTROL OPERATOR IS REQUIRED TO OBTAIN AN AEC REACTOR OPERATOR'S LICENSE.

C. AUXILIARY OPERATORS "B" AND "C" - THE TWO HIGHER GRADES OF THE MAJOR OPERATORS ARE THE HIGHEST GRADE OF STEAM PLANT OPERATORS IN THE NUCLEAR POWER CORPORATION SYSTEM. THERE ARE TWO LOWER GRADES OF OPERATORS, BUT THESE GRADES ARE NOT EMPLOYED AT NINE MILE POINT. BOTH THE AEC AND ACP PROVIDE OPERATIONAL ATTENDANCE TO THE STATION EQUIPMENT ON SHIFT. THESE DUTIES WILL INCLUDE CHECKING THE ROTATING EQUIPMENT, CHECKING OIL LEVELS IN BEARINGS, CHECKING THE OPERATION OF THE SCREEN-ROLES, AND HANDLING THE DUTIES OF THE SOLID AND LIQUID WASTE SYSTEMS. THE DUTIES OF THE ACP ARE THE SAME AS THE AEC, BUT HE HAS THE ADDED DUTIES OF MARKING UP THE EQUIPMENT AT THE DIRECTION OF THE SSO, PERFORMING ELECTRICAL SWITCHING IN THE STATION AND IN THE SWITCHYARD, AND OTHER MECHANICAL AND ELECTRICAL MAINTENANCE. ALTHOUGH ONLY THE SHIFT CONTROL OPERATOR WILL BE REQUIRED TO HOLD A REACTOR OPERATOR'S LICENSE, IT IS EXPECTED THAT THE ACP'S WILL ALSO BE LICENSED TO PROVIDE A HIGHER QUALITY OF OPERATING STAFF.

THE COMPUTER SUPPLIES THE SSO OPERATION INFORMATION OF THE STATION EQUIPMENT UNDER CONTINUOUS SURVEILLANCE. IF THE COMPUTER IS OUT OF SERVICE DURING A STATION STARTUP, AT LEAST ONE MORE OPERATOR WOULD SUPPLEMENT THE REGULAR SHIFT PERSONNEL.

D. THE ON-SHIFT OPERATORS ARE NOT RESPONSIBLE FOR CONDUCTING DETAILED NUCLEAR PHYSICS SURVEYS. THE MAJOR OPERATOR IS RESPONSIBLE FOR THE MAINTENANCE OF THE STATION EQUIPMENT AND THE OPERATION OF THE STATION EQUIPMENT. THE MAJOR OPERATOR IS RESPONSIBLE FOR THE MAINTENANCE OF THE STATION EQUIPMENT AND THE OPERATION OF THE STATION EQUIPMENT. THE MAJOR OPERATOR IS RESPONSIBLE FOR THE MAINTENANCE OF THE STATION EQUIPMENT AND THE OPERATION OF THE STATION EQUIPMENT.

(5)

E. THE STATION PROCEDURES FOR A LOSS OF COOLANT ACCIDENT REQUIRE MANIPULATIVE ACTIONS PRIMARILY BY THE SENIOR CONTROL OPERATOR. HE DETERMINES THE EXTENT OF THE INCIDENT BY THE RATE OF LEVEL LOSS IN THE REACTOR AND BY ACKNOWLEDGMENT OF THE SPECIFIED CLAIMS. THE AUXILIARY OPERATORS ARE USED TO ASSURE THAT SPECIFIED EQUIPMENT OPERATES AS ANTICIPATED AND TO ASSURE THE AVAILABILITY OF THE EMERGENCY DIESEL GENERATOR. WHILE THE SHIFT SUPERVISOR IS NOT REQUIRED TO PERFORM SPECIFIC FUNCTIONS IN A LOSS OF COOLANT SITUATION HE IS AVAILABLE FOR ASSISTANCE AND WOULD BE RESPONSIBLE FOR INITIATION OF MANAGEMENT NOTIFICATION ACTIONS AND INITIAL ASSESSMENT OF ANY PUBLIC HAZARD.

5. A DOCUMENT CONTAINING THE ABOVE INFORMATION AND MEETING THE FINAL REQUIREMENTS OF THE REGULATIONS WILL BE TRANSMITTED TO THE COMMISSION SHORTLY.

MINOT H. PRATT
 VICE PRESIDENT-EXECUTIVE ENGINEER
 NIAGARA MOHAWK POWER CORPORATION

U.S. ATOMIC ENERGY COM. FROM N.Y. OFFICE MAIL & RECORDS SECTION

1959 APR 10 AM 9 47

RECEIVED

1204

WESTERN UNION INCOMING

1. THE STATION PROCEDURES FOR A LOSS OF COOLANT ACCIDENT (LOCA) REQUIRING
 CORRECTIVE ACTIONS PRIORITIZED BY THE SENIOR CONTROL OPERATOR.
 HE DETERMINES THE EXTENT OF THE INCIDENT BY THE RATE OF LEVEL
 LOSS IN THE HEATER AND BY ACKNOWLEDGMENT OF THE SPECIFIED
 CLAIMS. THE AUXILIARY OPERATORS ARE USED TO ASSURE THAT SPECIFIED
 EQUIPMENT OPERATES AS ANTICIPATED AND TO ASSURE THE
 AVAILABILITY OF THE EMERGENCY DIESEL GENERATOR. WHILE THE SHIFT
 SUPERVISOR IS NOT REQUIRED TO PERFORM SPECIFIC FUNCTIONS IN A LOSS
 OF COOLANT SITUATION HE IS AVAILABLE FOR ASSISTANCE AND WOULD
 BE RESPONSIBLE FOR INITIATION OF MANAGEMENT NOTIFICATION
 ACTIONS AND INITIAL ASSESSMENT OF ANY PUBLIC HAZARD.

2. A DOCUMENT CONTAINING THE ABOVE INFORMATION AND MEETING THE
 FINAL REQUIREMENTS OF THE REGULATIONS WILL BE TRANSMITTED TO
 THE COMMISSION SHORTLY.

DIRECTOR
 VICE-PRESIDENT-EXECUTIVE ENGINEER
 NIAGARA MOHAWK POWER CORPORATION

RECEIVED
 NUCLEAR REGULATORY COMMISSION