

238

RECORD #238

TITLE: Health Physics Position on Task Qualification of HP
Technicians

September 20, 1991

MEMORANDUM FOR: James H. Joyner, Chief, EPRPB, DRSS, Region I
Douglas M. Collins, Chief, EPRPB, DRSS, Region II
L. Robert Greger, Chief, RPB, DRSS, Region III
A. Bill Beach, Director, DRSS, Region IV
Gregory P. Yuhas, Chief, EPRPB, DRSS, Region V

FROM: LeMoine J. Cunningham, Chief
Radiation Protection Branch
Division of Radiation Protection
and Emergency Preparedness
Office of Nuclear Reactor Regulation

SUBJECT: HEALTH PHYSICS POSITION: TASK QUALIFICATION OF HP TECHNICIANS

A Health Physics Position on the task qualification of HP technicians is enclosed for your information.

The position is essentially the same as the draft position sent you on August 27, 1991 for your review. This position has been coordinated with the Human Factors Assessment Branch.

This memorandum and enclosure are being placed in the NRC Public Document Room. Therefore, copies can be provided to licensees.

Original signed by Thomas H. Essig
LeMoine J. Cunningham, Chief
Radiation Protection Branch
Division of Radiation Protection
and Emergency Preparedness
Office of Nuclear Reactor Regulation

Enclosure:
As stated

CONTACT:
Dan Carter
FTS 492-1848

DISTRIBUTION:

LJCunningham	BMurray, RIV	DCool, NLS139
JWigginton	JWermiel, 10D24	WBateman, 17G21
TEssig	RAnderson, TTC	Central Files
FCongel	MKnapp, RI	PRPB/RF
WBeckner	JStohr, RII	RScarano, RV
DCarter	CNorelius, RIII	HPPOS
RErickson	ABeach, RIV	

OFC	:PRPB:DREP:NRR	:PRPB:DREP:NRR::C:LHFB:NRR	:C:PRPB:DREP:NRR:	C:EPP:DREP:NRR
NAME	:DCarter	:JWigginton	:JWermiel	:LJCunningham
DATE	:9/19/91	:9/19/91	:9/19/91	:9/19/91

OFFICIAL RECORD COPY
Document Name: TASK QUALIFICATION OF HP TECHS

9/20



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555**

September 20, 1991

MEMORANDUM FOR: James H. Joyner, Chief, EPRPB, DRSS, Region I
Douglas M. Collins, Chief, EPRPB, DRSS, Region II
L. Robert Greger, Chief, RPB, DRSS, Region III
A. Bill Beach, Director, DRSS, Region IV
Gregory P. Yuhas, Chief, EPRPB, DRSS, Region V

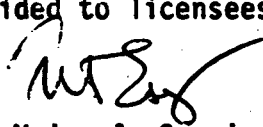
FROM: LeMoine J. Cunningham, Chief
Radiation Protection Branch
Division of Radiation Protection
and Emergency Preparedness
Office of Nuclear Reactor Regulation

SUBJECT: HEALTH PHYSICS POSITION: TASK QUALIFICATION OF HP TECHNICIANS

A Health Physics Position on the task qualification of HP technicians is enclosed for your information.

The position is essentially the same as the draft position sent you on August 27, 1991 for your review. This position has been coordinated with the Human Factors Assessment Branch.

This memorandum and enclosure are being placed in the NRC Public Document Room. Therefore, copies can be provided to licensees.


for LeMoine J. Cunningham, Chief
Radiation Protection Branch
Division of Radiation Protection
and Emergency Preparedness
Office of Nuclear Reactor Regulation

Enclosure:
As stated

CONTACT:
Dan Carter
FTS 492-1848

Enclosure

**HEALTH PHYSICS POSITION ON THE TASK QUALIFICATION
OF
HEALTH PHYSICS TECHNICIANS AT NUCLEAR POWER PLANTS**

A request was received from Region III for clarification on the question of qualifying health physics technicians (HPTs) on specific job tasks before they are fully qualified ANSI technicians.

ANSI/ANS 3.1, 1987 (Selection, Qualification and Training of Personnel for Nuclear Power Plants) states in part that while in an initial training program an HPT may not make decisions (give authorization) or take actions affecting plant safety until they meet the performance requirements of the job position assigned. However, they may independently perform specific tasks or job assignments for which they are qualified.

HPTs are allowed to perform (without supervision) specific tasks or job assignments (i.e., radiation surveys, swipe surveys, air samples, and survey meter calibrations) if they meet the required prerequisites and complete the required task qualifications of their plant training program. However, there are certain tasks that require in-depth knowledge that only fully qualified and experienced personnel can perform.

The following general items are examples of areas which a non-fully qualified HPT should not be authorized to perform (without supervision):

- The free release of radioactive materials from the restricted area
- Approval of effluent release permits
- Approval of radiation work permits
- Receipt and shipping of radioactive material

Also, as examples in the area of Emergency Preparedness, a non-fully qualified HPT should not be authorized to:

- Lead emergency search and rescue teams
- Lead environmental monitoring teams
- Perform offsite dose assessment

Each INPO accredited licensee training program will vary somewhat in its approach on qualifying its HPTs. However, each program should be based on a systems approach to training (SAT). This SAT should include the following key areas: how were criteria derived to select tasks to be done without supervision, and how are HPTs evaluated against these criteria to permit/authorize them to work unsupervised?