

INTENT INSTRUCTION TEMPORARY CHANGE

NPP No. 7310 Rev. 2/92

PAP-0522

TEMPORARY CHANGE NO.

TCN- 1

INSTRUCTION NO. OMI2E :PCP	REV. 5	INSTRUCTION TITLE Process Control Program (PCP)
CANCELS TCN(S): N/A		
LIST EACH ATTACHED PAGE 1		

ADMIN. USE ONLY

PNPP

CONTROLLED COPY

No. 732

REASON:

Establish controls by which waste is packaged for intermediary processing at an offsite vendor.

PREPARED BY <i>Alan K. Schwenk</i> Alan K. Schwenk	DATE 07-02-92	IN-DEPTH REVIEWER <i>John J. Blanton</i> John J. Blanton	DATE 7/7/92
---	-------------------------	---	-----------------------

PORC MTG. NO.: 92.088	PORC MTG. DATE: 7/8/92	RECOMMENDED FOR APPROVAL <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
---------------------------------	----------------------------------	---

EFFECTIVE DATE

7-10-92

A P P R O V E D	APPROVED <i>P. C. K. [Signature]</i> P. C. K. [Signature]	DATE 7/9/92	APPROVED A. SEBASTIAN <i>[Signature]</i> [Signature]	DATE 7/9/92
	APPROVED <i>[Signature]</i> [Signature]	DATE 7/9/92	DESIGNATED ALTERNATE During Absence N/A	DATE
	APPROVED N/A	DATE	APPROVED N/A	DATE

Ensure an approved 10CFR50.59 Applicability Check is attached prior to submittal for PORC Review or final approval if Non-PORC.

9303020329 930224
PDR ADDCK 05000440
R PDR

PROCESS CONTROL PROGRAM (PCP)1.0 INTRODUCTION

The Process Control Program (PCP) is designed to provide administrative control and guidance for the solidification, dewatering and other processing of applicable forms of radwaste for ultimate disposal. The PCP contains information pertaining to the current formula (mixing ratio), sampling, analyses, tests, and determinations to be made to ensure that the processing and packaging of radioactive wastes, based on demonstrated processing of actual or simulated wet solid wastes, will be accomplished in such a way as to ensure compliance with 10CFR20, 10CFR61, 10CFR71, Federal and State regulations, burial ground requirements and other requirements governing the disposal of radioactive waste.

The PCP is applicable to the plant installed and Pacific Nuclear Co., Chem-Nuclear and Scientific Ecology Group (SEG) supplied mobile radwaste systems for solidification and dewatering of applicable waste forms. Waste packaged for intermediary processing at offsite vendors shall be prepared for shipment in accordance with the specific vendor's instructions or approved operations manual instructions. All solidifications at Perry will be performed by a vendor with a Topical Report that is accepted by the NRC and destination burial site(s) as meeting all necessary requirements. <B00797>

Numerous features have been incorporated into the design of the solid radioactive waste system and the building housing this system to insure that exposures of operating personnel to radiation will be kept within ALARA guidelines.

1.1 Definitions

The following definitions are applicable to the sections that follow:

ACCEPTABLE ENVELOPE: (of solidification\dewatering): specific properties of wastes that fall within the limits of the parameters required for solidification. These parameters are established within the test solidification instruction and/or vendor Topical Report for each applicable waste type. <B00797>

BATCH: the volume of isolated waste contained in a tank that will be processed for solidification or dewatering.

CONTAINER: the physical container in which the final waste product is deposited.

HIGH INTEGRITY CONTAINER (HIC): an approved container for burial having an expected life of 300 years. All HIC's must have an approved Certificate of Compliance.