DUKE POWER COMPANY
MCGUIRE NUCLEAR STATION

Units 1 and 2

PROCESS CONTROL PROGRAM FOR CNSI MOBILE SOLIDIFICATION UNITS USING THE DOW PROCESS

AND

PROCESS CONTROL PROGRAM FOR DEWATERING RESIN

MCGUIRE NUCLEAR STATION PROCESS CONTROL PROGRAM LIST OF EFFECTIVE PAGES

Page	Revision	Page	Revision
LOEP, Page 1 of 1	Rev. 2	17	Original
		18	Original
	Rev. 1	19	Original
3	Original	20	Original
4	Original	21	Rev. 1
5	Original	22	Original
6	Original	23	Original
7	Original	24	Original
8	Original	25	Original
9	Original	26	Original
10	Original	27	Original
11	Original	28	Original
12	Original	29	Original
13	Original	30	Original
14	Original	31	Original
15	Original	32	Original
16	Original	33	Original
		34	Rev. 2

TABLE OF CONTENTS

		Page
1.0	SCOPE	
	1.1 Purpose	3
	1.2 Applicability	3
2.0	REFERENCES	
3.0	SYSTEM DESCRIPTION	
	3.1 Chemical Process Description	4
	3.2 Mobile Unit Description	6
	3.3 System Operation	7
4.0	REQUIREMENTS FOR SAMPLE VERIFICATION	8
	4.1 Precautions and Limitations	8
	4.2 Prerequisites	9
	4.3 Sample Acceptance Criteria	12
5.0	SAMPLE VERIFICATION	12
	5.1 Initial Conditions	12
	5.2 Sample Verification Procedure	14
	5.3 Parameter Adjustment	19
6.0	ADMINISTRATIVE PROCEDURES	20
	6.1 Maintenance of Records	20
7.0	INTERFACE BETWEEN STATION AND MOBIL UNIT	21
	7.1 Station Responsibilities	21
	7.2 Vendor Responsibilities	21
APPE	NDIX A - MOBILE SOLIDIFICATION UNIT (MSU) SUBSYST DESCRIPTION	TEM 23
	A-1 MUS P&ID	
APPE	NDIX B - REQUIRED EQUIPMENT AND CHEMICALS	30
	B-1 Sample Verification Equipment	30
	B-2 Chemical Inventory	30
APPE	NDIX C - FORMS USED IN PROCESS CONTROL	31
	C-1 Sample Verification Form (Form PCP-	-1) 31
	C-2 Batch Solidification Form (Form PC)	
8.0	DEWATERING RESIN	34

3.0 DEWATERING RESIN

Resins will be dewatered as described in the FSAR Section 11.5 and in accordance with station approved procedures.