ERP NUMBER	TITLE	REVISION	EFFECTIVE DATE
1.00	ADMINISTRATIVE		
1.01	Emergency Response Manual Overview	0	2/8/85
1.02	Preparation of AEPSC Emergency Response Procedures	0	2/8/85
2.00	INITIAL ASSESSMENT GROUP (IAG)		
2.01	IAG Organization & Function	0	2/8/85
2.02	IAG Manager	0	2/8/85
2.03	IAG Coordinator	1	4/26/85
2.04	Emergency Planning Coordinator	1	4/26/85
2.05	IAG Member	1	4/26/85
2.06	IAG Status Reporters	1	4/26/85
2.07	Outside Agency Liaison	1	4/26/85
2.08	IAG Runner	0	2/8/85
2.09	Public Affairs Representative	1	4/26/85
3.00	EMERGENCY RESPONSE ORGANIZATION (ERO)		
3.01	ERO Organization & Function	0	2/8/85
3.02	Recovery & Control Manager (RCM)	1	4/26/85
3.03	Radiation Control & Waste Handling Manager and Staff	1	4/26/85
3.04	Engineering, Design & Construction Manager and Staff	1	4/26/85

ERP NUMBER	TITLE	REVISION	EFFECTIVE DATE
3.05	Schedule & Planning Manager and Staff	0	2/8/85
3.06	News and Public Relations Manager *		*
4.00	AEPSC CORPORATE SUPPORT GROUP (CSG)		
4.01	AEP-CSG Organization & Function	0	2/8/85
4.02	AEP-CSG Manager	0	2/8/85
5.00	MISCELLANEOUS INFORMATION		
5.01	Emergency Notification Phone Numbers	1	4/26/85
5.02	Training	0	2/8/85
5.03	Drills and Exercises	0	2/8/85

*The News and Public Relations Manager Procedure will be developed after the revised JPIC and Emergency News Source Procedures are issued.

PREPARED BY

APPROVAL

TITLE: IAG COORDINATOR

1.0 PURPOSE

To describe and define the responsibilities and actions of the Initial Assessment Group Coordinator during an emergency situation at the DCCNP.

2.0 ATTACHMENTS

Attachment 1, IAG Coordinator's Checklist 1

3.0 INITIATING CONDITIONS AND/OR REQUIREMENTS

The initiating condition will usually be an Unusual Event, Alert, Site Area Emergency or General Emergency at the plant. This procedure may also be activated at the request of the On-Site Emergency coordinator or the Initial Assessment Group Manager.

4.0 RESPONSIBILITIES

4.1 The position of the Initial Assessment Group Coordinator is held by:

4.1.1 Assistant Scientist - Radiological Support Section

4.1.2 By the following designated alternate:

- Engineer - Radiological Support Section

4.2 The primary responsibility of the IAG Coordinator is to insure the readiness of the AEPSC Emergency Response Organization and coordinate the setup and operation of the IAG Room.

4.3 Other responsibilities of the IAG Coordinator include:

4.3.1 Activate the IAG Members and Status Reporters. 1

4.3.2 Place IAG Runners on standby.

4.3.3 Establish communications with the Donald C. Cook Plant Evaluation Team (PET).

4.3.4 Obtain Office Services support as needed.

5.0 PROCEDURES

5.1 Initial Actions

5.1.1 Begin completing the IAG Coordinator's Checklist.

5.1.2 Contact each IAG Member and the Status Reporters. Request them to proceed to the IAG Room and to begin fulfilling their IAG responsibilities per ERP 2.05 and 2.06. Notification numbers are given in ERP 5.01, Attachment 2, Initial Assessment Group Coordinator's Call Out List.

5.1.3 Once the Status Reporter has been notified proceed to the IAG Room and begin placing the IAG Room in working order.

5.1.3.1 Retrieve the IAG sign in log from the bottom drawer of the file cabinet located in the IAG Room and place it near the door. Insure that each IAG Member logs in as they enter the IAG Room. 1

5.1.3.2 Establish communications with the Plant Evaluation Team which is located in the Plant Technical Support Center. The speaker phone in the IAG Room labeled PET shall be reserved for communications between the IAG and the PET. The phone numbers for the PET are given in ERP 5.01, Attachment 2, Initial Assessment Group Coordinator's Call Out List.

5.1.3.3 Distribute paper, pencil, chalk, markers and any other supplies necessary to operate the IAG.

5.1.3.4 Insure that the Status Reporter is present and ready to receive plant status reports. Provide assistance if necessary.

5.2 Continuing Actions

5.2.1 Notify the IAG Runners and Outside Agency Liaisons to standby at their preassigned locations. Notification phone numbers for the IAG Runners and Outside Agency Liaisons can be found in ERP 5.01, Attachment 2, Initial Assessment Group Coordinator's Call Out List.

5.2.2 Once the IAG Room is in working order contact and inform each ERO Manager (In some instances an ERO Manager may also act as an IAG Member. In such cases contact the alternate ERO Manager to standby.) or his designated alternate to standby for further instructions to mobilize, as needed, or carry out Emergency Response assignments as requested by the IAG and as authorized by the IAG Manager. The notification numbers for the Emergency Response Organization Managers are given in ERP 5.01, Attachment 2, Initial Assessment Group Coordinator's Call Out List.

5.2.3 If additional Administrative Support is needed, Office Services can supply this additional support on an as needed basis. This support can be obtained by telephoning the Manager, Office Services and requesting the specific type of Administrative Support needed by the IAG. In any event the Manager, Office Services should be placed on standby to assist the IAG if necessary. Notification numbers are given in ERP 5.01, Attachment 2, Initial Assessment Group Coordinator's Call Out List.

5.2.4 If it is decided to send ERO Managers to the Plant site, the IAG Coordinator should follow steps 5.2.4.1 through 5.2.4.5.

5.2.4.1 Determine how many people will be going to the plant.

5.2.4.2 Call Office Services and ask them to arrange for a flight(s) from Columbus to the plant. Record the time and place of aircraft departure, and the estimated time and place of arrival. Phone numbers for Office Services Personnel are given in ERP 5.01, Attachment 2, Initial Assessment Group Coordinator's Call Out List.

5.2.4.3 Inform the Administration and Logistics Manager of arrival time and location of the ERO Managers and insure that the Administration and Logistics Manager will provide transportation (per ERP 3.08) for the ERO Managers to their assigned emergency response facility. Notification numbers for the Administration and Logistics Manager are given in ERP 5.01, Attachment 2, Initial Assessment Group Coordinator's Call Out List.

5.2.4.4 Inform the IAG Manager of the travel arrangements made for the ERO Managers so that he may brief them on departure times, locations, etc.

5.3 Deactivation Actions

5.3.1 If the situation warrants the IAG Manager will deactivate the IAG. File all reporting forms, gather up all equipment and place it in the file cabinet and tell everyone placed on standby of the deactivation.

5.3.2 Once the ERO Managers arrive on site the IAG may be deactivated at the direction of the Emergency Response Organization's Recovery and Control Manager. The Recovery and Control Manager may also request that the AEPSC Corporate Support Group be activated (see ERP 3.02 and 4.01).

ATTACHMENT 1

IAG COORDINATOR'S CHECKLIST

Immediate Actions

1. Proceed to the IAG Room and sign-in. _____/_____

2. Establish communication with the PET. _____/_____

3. Activate each IAG:

   A. Consulting Nuclear Engineer _____/_____

   B. Manager, Nuclear Materials and Fuels Management Section _____/_____

   C. Manager, Nuclear Safety and Licensing Section _____/_____

   D. Manager, Radiological Support Section _____/_____

   E. Manager, Nuclear Operations Support Section _____/_____

   F. Assistant Division Manager - Mechanical Engineering _____/_____

   G. Electrical Generation - Staff Engineer _____/_____

   H. Division Manager, Design _____/_____

   I. Senior Vice President - Public Affairs _____/_____

   J. Vice Chairman, Engineering and Construction _____/_____

   K. IAG Runner _____/_____

4. Ensure Status Reporters are present and operational. _____/_____

5. Place Outside Agency Liaisons on standby. _____/_____

6. Place ERO Managers on standby. _____/_____

7. If requested, make travel arrangements for ERO. _____/_____

8. Notify Outside Agencies via liaisons as requested. _____/_____

9. Deactivate the IAG Room and make final notifications. _____/_____

1

PREPARED BY

APPROVAL

TITLE: EMERGENCY PLANNING COORDINATOR

1.0 PURPOSE

To describe and define the responsibilities and actions of the AEP Emergency Planning Coordinator during an emergency and during drills and exercises at the Donald C. Cook Nuclear Plant.

2.0 ATTACHMENTS

Attachment 1, Drill/Exercise Report

3.0 INITIATING CONDITIONS AND/OR REQUIREMENTS

The initiating condition will usually be an Unusual Event, Alert, Site Area Emergency or General Emergency at the plant. This procedure may also be activated at the request of the On-Site Emergency Coordinator or the Initial Assessment Group Manager.

4.0 RESPONSIBILITIES

4.1 The position of the AEP Emergency Planning Coordinator is held by:

Emergency Planning Coordinator - Radiological Support Section

By the following designated alternate:

Assistant Scientist - Radiological Support Section

4.2 The primary responsibility of the AEP Emergency Planning Coordinator during an emergency condition at the Donald C. Cook Plant is to provide any assistance as requested by the Initial Assessment Group Manager.

4.3 The primary responsibility of the AEP Emergency Planning Coordinator during drills and exercises is to act as a corporate observer/critique writer at the Donald C. Cook Plant.

5.0 PROCEDURE

5.1 Actions During Drills and Exercises at Donald C. Cook

5.1.1 The Emergency Planning Coordinator may observe the activities of the D. C. Cook Plant Emergency Response Organization during drills and exercises conducted at the D. C. Cook Plant.

5.1.2 The Emergency Planning Coordinator may observe these activities from the main Emergency Response Facility. This will normally be the Technical Support Center but in some instances will include the Emergency Operations Facility.

5.1.3 After the exercise or drill the Emergency Planning Coordinator shall prepare a written report (Attachment 1) with critique results, scenario. This report shall be submitted to the Radiological Support Section Manager within 10 days following the completion of the drill or exercise.

5.1.4 The Emergency Planning Coordinator shall place one copy of the written report in the Radiological Support Section files.

5.2 Actions During an Emergency at Donald C. Cook

5.2.1 Upon request of the Initial Assessment Group Coordinator report to the Initial Assessment Group Room and provide support as requested by the Initial Assessment Group Manager.

ATTACHMENT 1

DRILL/EXERCISE REPORT

To: Radiological Support Section Manager

From: Emergency Planning Coordinator

Subject: Drill/Exercise_____
(Title)

1. A _____ Drill/Exercise was conducted on _____.
(Date)

2. The drill/exercise was held on _____ shift.

3. Offsite assistance utilized was _____

_____

4. A critique was conducted and the following recommendations for corrective action were noted:

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

-- Continue on additional sheets as necessary --

Signature _____ _____
(Emergency Planning Coordinator) (Date)

PREPARED BY

APPROVAL

TITLE: IAG MEMBER

1.0 PURPOSE

To describe and define the responsibilities and actions of the Initial Assessment Group Members during an emergency situation at the DCCNP.

2.0 ATTACHMENTS

Attachment 1, List of all IAG Members and Their Alternates
Attachment 2, Location of the IAG Room and Work Areas for Technical Liaison on the 20th Floor

3.0 INITIATING CONDITIONS AND/OR REQUIREMENTS

The initiating condition will usually be an Unusual Event, Alert, Site Area Emergency or General Emergency at the plant. This procedure may also be activated at the request of the On-Site Emergency Coordinator or the Initial Assessment Group Manager.

4.0 RESPONSIBILITIES

4.1 The IAG Members and their designated alternates have been chosen based upon their technical expertise in specific fields of engineering, management, and public affairs as well as their familiarity with the Donald C. Cook Nuclear Plant. A list of each IAG Member and each alternate is shown in Attachment 1.

4.2 The primary responsibility of each IAG Member is to assist in developing actions to be used by plant personnel in mitigating the incident and/or off-site and on-site consequences resulting from the accident.

5.0 PROCEDURE

5.1 Initial Actions

5.1.1 Upon request of the IAG Coordinator inform your division or section personnel to stand by to provide technical assistance as requested.

5.1.2 Report to the Initial Assessment Group Room and sign in on the Initial Assessment Group Sign-in Log Book. 1

5.2 Continuing Actions

5.2.1 Assess the relevant data and information transmitted by the plant to the IAG.

5.2.2 Assist the IAG Manager to determine if activation of the AEPSC Emergency Response Organization is required. Determine which AEPSC functions should be dispatched to the Donald C. Cook Plant for the EOF activation and support and which functions should remain at the Corporate Support Group.

5.2.3 Participate as a member of the Emergency Response Organization if required. Review appropriate ERO procedures before leaving for the plant.

5.2.4 Assist the Plant Staff in all requests for technical and non-technical assistance.

5.2.5 Provide technical explanation of the Plant status to the IAG Public Affairs person and be ready to review proposed press releases for technical content.

5.3 Deactivation Actions

5.3.1 When the situation warrants the IAG Manager will deactivate the IAG.

5.3.2 If the ERO Managers travel to the site, continue to perform IAG functions until they arrive at the site.

5.3.3 Once the ERO Managers arrive on site the IAG may be deactivated at the direction of the Emergency Response Organization's Recovery and Control Manager. At this point the Recovery and Control Manager may also request that the AEPSC Corporate Group be activated (see ERP 3.02 and 4.01).

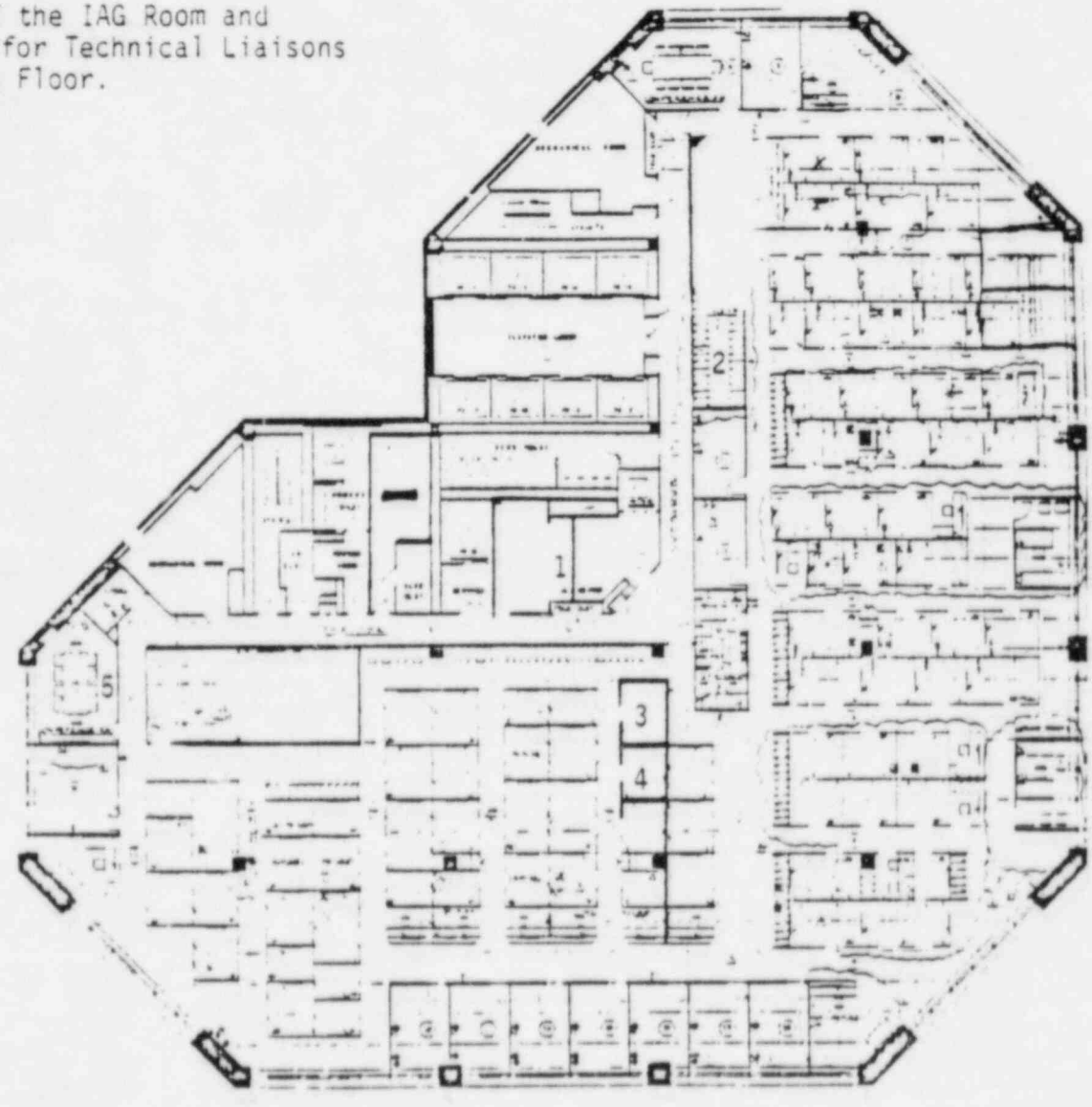
ATTACHMENT 1

IAG MEMBERS AND ALTERNATES

Name	Title	Alternate
M. P. Alexich	Vice President - Nuclear Operations	R. W. Jurgensen D. V. Shaller
R. W. Jurgensen	Consulting Nuclear Engineer	D. V. Shaller
J. M. Cleveland	Manager, Nuclear Materials & Fuels Management	V. Vanderburg G. John
J. G. Feinstein	Manager, Nuclear Safety & Licensing	T. R. Satyan-Sharma
S. J. Brewer	Manager, Radiological Support Section	S. P. Klementowicz
F. S. VanPelt, Jr.	Manager, Nuclear Operations Support Section	R. S. Lease
S. H. Steinhart	Assistant Division Manager - Mechanical Engineering	A. S. Grimes J. A. Kobyra
T. E. King	Electrical Generation - Staff Engineer	J. R. Anderson J. L. Corey
J. A. DiBella	Division Manager - Design	V. A. LePore R. H. Meister
J. C. Brennan	Senior Vice President - Public Affairs	W. W. Corbitt

ATTACHMENT 2

Location of the IAG Room and work areas for Technical Liaisons on the 20th Floor.



1. Initial Assessment Group Room.
2. D. C. Cook Plant Procedures.
3. Work area for the Mechanical Engineering Technical Liaison, Ext. 2028.
4. Work area for the Electrical Engineering Technical Liaison, Ext. 2027.
5. Work area for the Design Division Technical Liaison, Ext. 2033.

PREPARED BY

APPROVAL

TITLE: IAG STATUS REPORTERS

1.0 PURPOSE

To describe and define the responsibilities and actions of the Initial Assessment Group Status Reporter during an emergency situation at the DCCNP.

2.0 ATTACHMENTS

Attachment 1, Example of RCS/NSSS Status Board
Attachment 2, Example of Equipment/Radiation Monitoring System Status Board
Attachment 3, Page 1, Exhibit B of PMP 2081 EPP.020
Attachment 4, Page 2, Exhibit B of PMP 2081 EPP.020
Attachment 5, Exhibit C of PMP 2081 EPP.020
Attachment 6, Example of Dose Assessment Status Board

3.0 INITIATING CONDITIONS AND/OR REQUIREMENTS

The initiating condition will usually be Unusual Event, Alert, Site Area Emergency or General Emergency at the plant. This procedure may also be activated at the request of the On-Site Emergency Coordinator or the Initial Assessment Group Manager.

4.0 RESPONSIBILITIES

The position of the IAG Status Reporter is held by two individuals simultaneously. The individuals holding these positions are:

1. The Library Assistant, Nuclear Operations Division and the Technical Writer, Nuclear Safety and Licensing Section.

2. The following designated alternate:

   o Assistant Engineer, Radiological Support Section

   o Technician - Engineer, Nuclear Operations Support Section

The primary responsibility of the IAG Status Reporters is to establish and maintain communications with the appropriate on-site emergency response facility and to obtain plant status information from the Communication Coordinator located at this facility. Once this status information is obtained it is the responsibility of the IAG Status Reporters to keep IAG members updated as to the plant status via IAG status boards and to maintain a chronological history of the plant status via status reporting forms.

5.0 PROCEDURE

5.1 Initial Actions

5.1.1 Upon notification from the IAG Coordinator report to the Initial Assessment Group Room and sign in on the Initial Assessment Group Sign-In Log Book. 1

5.1.2 Obtain the following supplies from the IAG file cabinet:

1. Clipboard
2. Copies of Status Reporting Forms A and B
3. Ink pen
4. Status board markers
5. Status board erasers
6. Headset.

5.1.3 The first Status Reporter arriving at the IAG Room shall establish communications with the appropriate on-site Emergency Response Facility:

5.1.3.1 Connect the headset to the IAG status phone and follow one of the steps below.

5.1.3.2 For most emergency situations communication should be established with the AEPSC Communicator located in the TSC. This can be accomplished via the Status Phone located in the IAG Room.

Phone numbers for the Technical Support Center's AEPSC Communicator are given in ERP 5.01, Attachment 3, Initial Assessment Group Status Reporter's Call Out List.

5.1.3.3 In the event of a Site Area Emergency or General Emergency it may be necessary to establish communications with the AEPSC Communicator located in the EOF. This can be accomplished via the Status Phone located in the IAG Room.

Phone numbers for the Emergency Operations Facility AEPSC Communicator are given in ERP 5.01, Attachment 3, Initial Assessment Group Status Reporter's Call Out List.

5.1.4 Once communications has been established with the Communications Coordinator at the Plant begin recording plant status information onto the appropriate Status Reporting Form (Attachment 3, 4 and 5) as it is transmitted from the plant.

5.1.5 After all plant status information has been recorded on the Status Reporting Forms place the completed forms in the appropriate letter baskets.

5.1.6 The second Status Reporter shall transfer the information on the Status Reporting Forms to the appropriate status board (Attachments 1, 2 and 6). After this information has been posted, place the completed forms in the appropriate envelope attached to the side of the Status Reporting Station.

5.1.7 As shown in Attachment 2 the status board illustrating the Radiation Monitoring System has been left blank. Check with the IAG Manager to determine which monitors should be tracked. This information should be obtained from Status Reporting Form B (Attachment 4).

5.1.8 Record changes in plant status on new Status Reporting Forms and transfer this information to the Status Board.

5.1.9 As needed the Status Reporters may alternate between duties.

5.2 Continuing Actions

5.2.1 Continue to record plant status as it is transmitted from the plant and to update status boards as changes are reported.

5.3 Deactivation Actions

5.3.1 If the situation warrants, the IAG Manager will deactivate the IAG. Close out all communications and give all completed Status Reporting Forms to the IAG Coordinator.

5.3.2 If the IAG is being changed to the Corporate Support Group Mode, continue communications and reporting of data.

ATTACHMENT 1

RCS/NSSS LOOP PARAMETERS STATUS BOARD

Unit No:_____ Date:_____ Time:_____

RCS PARAMETER

1. Containment Temp. *_____ °F
2. Cont. H_2 Concentration *_____ %
3. RWST Level *_____ %
4. Source Range *_____ CPM
5. Intermediate Range _____ AMPS
6. Containment Pressure _____ PSIG
7. Containment Sump Level *_____ %
8. Containment Level *_____ %

9. CTS Pumps East* ON / OFF West* ON / OFF
10. RHR Spray Flow East *_____ GPM West *_____ GPM
11. SI Flow North*_____ GPM South*_____ GPM
12. BIT Flow LP1*_____ GPM LP2*_____ GPM LP3*_____ GPM LP4*_____ GPM
13. Accum Pressure LP1*_____ PSIG LP2*_____ PSIG LP3*_____ PSIG LP4*_____ PSIG
14. RHR Injection Flow East*_____ GPM West*_____ GPM
15. RCP Status *LP1 ON / OFF *LP2 ON / OFF *LP3 ON / OFF *LP4 ON / OFF

16. RCS Pressure _____ PSIG
17. Charging Flow _____ GPM
18. PZR Liquid Temp. _____ °F
19. PZR Steam Temp. _____ °F
20. PZR Level _____ %
21. PRT Temp. _____ °F
22. PRT Level _____ %
23. PRT Pressure _____ PSIG
24. PZR Cycling Htrs. *ON / OFF
25. PZR Backup Htrs. *ON / OFF
26. Letdown Flow _____ GPM
27. Saturation Margin _____ °F

NSSS LOOP PARAMETERS	Loop 1	Loop 2	Loop 3	Loop 4
28. Wide Range T Hot	°F	°F	°F	°F
29. Wide Range T Cold	°F	°F	°F	°F
30. S/G Pressure	PSIG	PSIG	PSIG	PSIG
31. S/G N.R. Level	%	%	%	%
32. S/G W.R. Level	%	%	%	%
33. Steam Flow (ppm X 10^6)				
34. Feed Flow (ppm X 10^6)				
35. Aux. Feed Flow (ppm X 10^3)	*			
36. MSIV Status	*OPEN / CLOSE	*OPEN / CLOSE	*OPEN / CLOSE	*OPEN / CLOSE
37. PZR Level	%	%		
38. Steam Dump	*ARMED / MAN			

ATTACHMENT 2

EQUIPMENT/RADIATION MONITORING SYSTEM STATUS BOARD

Unit No._____ Date:_____ Time:_____

EQUIPMENT STATUS

	AVAILABLE	UNAVAILABLE		AVAILABLE	UNAVAILABLE
39. East ESW			49. East CCP		
40. West ESW			50. West CCP		
41. East CCW			51. TDAFP		
42. West CCW			52. EMDAFP		
43. East CTS			53. WMDAFP		
44. West CTS			54. AB Diesel		
45. North SI			55. CD Diesel		
46. South SI			56. Normal Res.		
47. East RHR			57. [illegible] EP		
48. West RHR					

RADIATION MONITORING SYSTEM

	Monitor Number	Reading	Units	Location
1.				
2.				
3.				
4.				
5.				
6.				
7.				

31. Wind Speed _____ MPH
32. Wind Direction _____ °(from)
33. Air Temp. T _____ °F

ATTACHMENT 3

TECHNICAL INFORMATION SHEET Unit No:_____ Date_____Time_____

Data Taken By_____ Data Reviewed By_____

NOTE

When redundant indication exists, record most severe condition.

RCS PARAMETER

1. Containment Temp. *_____°F
2. Cont. H_2 Concentration*_____%
3. RWST Level *_____%
4. Source Range *_____CPM
5. Intermediate Range _____AMPS
6. Containment Pressure _____PSIG
7. Containment Sump Level*_____%
8. Containment Level *_____%

9. CTS Pumps East* ON / OFF West* ON / OFF
10. RHR Spray Flow East *_____GPM West *_____GPM
11. SI Flow North*_____GPM South*_____GPM
12. BIT Flow LP1*_____GPM LP2*_____GPM LP3*_____GPM LP4*_____GPM
13. Accum Pressure LP1*_____PSIG LP2*_____PSIG LP3*_____PSIG LP4*_____PSIG
14. RHR Injection Flow East*_____GPM West*_____GPM
15. RCP Status *LP1 ON / OFF *LP2 ON / OFF *LP3 ON / OFF *LP4 ON / OFF

16. RCS Pressure * * *_____PSIG
17. Charging Flow _____GPM
18. PZR Liquid Temp. _____°F
19. PZR Steam Temp. _____°F
20. PZR Level * * *_____%
21. PRT Temp. _____°F
22. PRT Level _____%
23. PRT Pressure _____PSIG
24. PZR Cycling Htrs. *ON / OFF
25. PZR Backup Htrs. *ON / OFF
26. Letdown Flow _____GPM
27. Saturation Margin _____°F

NSSS LOOP PARAMETERS	Loop 1	Loop 2	Loop 3	Loop 4
28. Wide Range T Hot	°F	°F	°F	°F
29. Wide Range T Cold	°F	°F	°F	°F
30. S/G Pressure	PSIG	PSIG	PSIG	PSIG
31. S/G N.R. Level	%	%	%	%
32. S/G W.R. Level	%	%	%	%
33. Steam Flow (pph X 10^6)				
34. Feed Flow (pph X 10^6)				
35. Aux. Feed Flow(ppn X 10^3)*				
36. MSIV Status	*OPEN / CLOSE	*OPEN / CLOSE	*OPEN / CLOSE	*OPEN / CLOSE
37. CST Level	* %	* Ft.		
38. Steam Dump	*ATMOS / COND			

EQUIPMENT STATUS

	AVAILABLE / UNAVAILABLE		AVAILABLE / UNAVAILABLE
39. East ESW*	/	49. East CCP*	/
40. West ESW*	/	50. West CCP*	/
41. East CCW*	/	51. TDAFP*	/
42. West CCW*	/	52. EMDAFP*	/
43. East CTS*	/	53. WMDAFP*	/
44. West CTS*	/	54. AB Diesel*	/
45. North SI*	/	55. CD Diesel*	/
46. South SI*	/	56. Normal Res.*	/
47. East RHR*	/	57. 12 EP*	/
48. West RHR*	/		

ATTACHMENT 4

RADIATION MONITORING SYSTEM DATA

Unit No._____ Date_____ Time_____

Data Taken By_____ Data Reviewed By_____

1.	VRS-1101/2101	_____	MR/HR	Upper Containment Area
2.	VRS-1201/2201	_____	MR/HR	Upper Containment Area
3.	ERS-1301/2301	_____	µci	Lower Containment Airborne Particulate
4.	ERS-1303/2303	_____	µci	Lower Containment Airborne Iodine
5.	ERS-1305/2305	_____	µci/cc	Lower Containment Airborne Noble Gas (L.R.)
6.	ERS-1307/2307	_____	µci/cc	Lower Containment Airborne Noble Gas (M.R.)
7.	ERS-1309/2309	_____	µci/cc	Lower Containment Airborne Noble Gas (H.R.)
8.	ERS-1401/2401	_____	µci	Lower Containment Airborne Particulate
9.	ERS-1403/2403	_____	µci	Lower Containment Airborne Iodine
10.	ERS-1405/2405	_____	µci/cc	Lower Containment Airborne Noble Gas (L.R.)
11.	ERS-1407/2407	_____	µci/cc	Lower Containment Airborne Noble Gas (M.R.)
12.	ERS-1409/2409	_____	µci/cc	Lower Containment Airborne Noble Gas (H.R.)
13.	VRS-1501/2501	_____/_____	µci	Unit Vent Effluent Particulate
14.	VRS-1503/2503	_____/_____	µci	Unit Vent Effluent Iodine
15.	VRS-1505/2505	_____/_____	µci/cc	Unit Vent Effluent Noble Gas (L.R.)
16.	VRS-1507/2507	_____/_____	µci/cc	Unit Vent Effluent Noble Gas (M.R.)
17.	VRS-1509/2509	_____/_____	µci/cc	Unit Vent Effluent Noble Gas (H.R.)
18.	MRA-1601/2601	_____	µci/cc	Steam Generator Porv Loop 1
19.	MRA-1602/2602	_____	µci/cc	Steam Generator Porv Loop 4
20.	MRA-1701/2701	_____	µci/cc	Steam Generator Porv Loop 2
21.	MRA-1702/2702	_____	µci/cc	Steam Generator Porv Loop 3
22.	SRA-1805/2805	_____	µci/cc	Gland Steam Leakoff Noble Gas (L.R.)
23.	SRA-1807/2807	_____	µci/cc	Gland Steam Leakoff Noble Gas (M.R.)
24.	SRA-1905/2905	_____	µci/cc	Steam Jet Air Ejector Noble Gas (L.R.)
25.	SRA-1907/2907	_____	µci/cc	Steam Jet Air Ejector Noble Gas (M.R.)
26.	VRA-1310/2310	_____	R/HR	Containment High Range Area
27.	VRA-1410/2410	_____	R/HR	Containment High Range Area
28.	SFR-1810/2810	_____	CFM	Gland Steam Leakoff Flow
29.	SFR-1910/2910	_____	CFM	Steam Jet Air Ejector Flow
30.	VFR-1510/2510	_____/_____	CFM	Unit Vent Effluent Flow
31.	Wind Speed	_____	MPH	
32.	Wind Direction	_____	° (FROM)	
33.	Air Temp. ΔT	_____	°C	

ATTACHMENT 5

NUCLEAR PLANT ACCIDENT NOTIFICATION FORM - PART I

(To be completed by PET)

Recorder (name/title) _____

Data as of _____ Hours Date/Time Recorded _____/_____

IF NO CHANGE CHECK	Line	
_____	1.	Name/Title/Telephone Number of Plant Communicator _____
_____	2.	Plant Name/Unit Donald C. Cook Nuclear Plant/Unit
	2.A.	Plant Message Number _____
_____	3.	Class of Emergency (check one):
		A. Unusual Event ____ B. Alert ____ C. Site Area ____ D. General ____
		E. This Classification Declared by Plant at: Time _____ Date _____
_____	4.	Description of Event/Initiating Condition: _____
_____	5.	Prognosis (check one):
		A. Stable ____ B. Escalating ____ C. De-escalating ____ D. Terminating ____
_____	6.	Plant Emergency Response Actions Underway:
		A. Offsite Assistance Previously Requested: Yes ____ No ____
		B. Fire _____ C. Police _____
		D. Ambulance _____ E. Hospital _____
		F. Other _____ G. Site Evacuation: Yes ____ No ____
		Limited _____
		H. Onsite RM Teams Dispatched: Yes ____ No ____ Time _____
		I. Offsite RM Teams Dispatched: Yes ____ No ____ Time _____
_____	7.	Release Information:
		A. Potential for Release: Yes ____ No ____
		B. Actual Release: Yes ____ No ____ C. Time of Release _____
		D. Airborne _____ E. Waterborne _____ F. Surface Spill _____
		G. Potential Release Duration, Hours _____

ATTACHMENT 5

NUCLEAR PLANT ACCIDENT NOTIFICATION FORM - PART II

(To be completed by Dose Assessment Personnel)

Recorder (name/title)_____

Data as of _____ Hours Date Recorded_____

IF NO CHANGE CHECK Line

_____ 8. Meteorological Data:
A. Stability Class_____ Based On _____ T(°C)/_____ Z(m) or _____ sigma Teta (d) B. Wind speed, mph_____
C. Wind direction, degrees: from_____ to_____
D. Downwind Sector(s)_____ E. Precipitiation_____

_____ 9. Radiological Release Data:
A. Estimated_____ Measured_____
B. Effluent Points & Height_____
C. Noble Gas Release RAte, Ci/sec_____
D. Average Energy per Disintegration, E, Mev_____
E. Equivalent I-131 Release Rate, Ci/sec_____
F. Particulates, Ci/sec_____

_____ 10. Calculated Offsite Dose:

		DISTANCE		
	Site Boundary	½ mi	5 mi	10 mi
A. Whole Body Gamma Dose Rate, mrem/hr	A.1._____	A.2._____	A.3._____	A.4._____
B. Whole Body Gamma Dose, mrem	B.1._____	B.2._____	B.3._____	B.4._____
C. Child Thyroid Dose Rate, mrem/hr	C.1._____	C.2._____	C.3._____	C.4._____
D. Child Thyroid Dose, mrem	D.1._____	D.2._____	D.3._____	D.4._____
E. Sector(s) Affected	E.1._____	E.2._____	E.3._____	E.4._____

F. Additional Data_____

_____ 11. Measured Offsite Dose Rates:

		DISTANCE		
	Site Boundary	mi	mi	mi
A. Whole Body Gamma Dose Rate, mrem/hr	A.1._____	A.2._____	A.3._____	A.4._____
B. Child Thyroid Dose Rate, mrem/hr	B.1._____	B.2._____	B.3._____	B.4._____
C. Sector(s) Affected	C.1._____	C.2._____	C.3._____	C.4._____

D. Additional Data_____

_____ 12. Protective Action Recommendations:

	SECTOR(S)	MILES
A. None		
B. In-place Sheltering		
C. Evacuation		
D. KI Distribution		
E. Contamination Control		
F. Other_____		

_____ 13. Estimate of Contaminated Area: A. In plant (sq. ft.)_____
B. Onsite (sq. miles)_____ C. Offsite (sq. miles)_____

_____ 14. Additional Information_____

ATTACHMENT 6

The Dose Assessment Status Board will be an exact duplicate of Attachment 5, page 2, Status Reporting Form C.

PREPARED BY

APPROVAL

TITLE: OUTSIDE AGENCY LIAISON

1.0 PURPOSE

To describe and define the responsibilities and actions of the Outside Agency Liaison during an emergency situation at the DCCNP.

2.0 ATTACHMENTS

Attachment 1, Liaison by Position Title and Outside Agency Responsibility.
Attachment 2, American Nuclear Insurers Notification Form
Attachment 3, Nuclear Network (INPO) Notification Form

3.0 INITIATING CONDITIONS AND/OR REQUIREMENTS

The initiating condition will usually be an Unusual Event, Alert, Site Area Emergency or General Emergency at the plant. This procedure may also be activated at the request of the On-Site Emergency Coordinator or the Initial Assessment Group Manager.

4.0 RESPONSIBILITIES

4.1 During activation and operation of the IAG Room three AEPSC personnel will be available to act as outside agency liaisons, one each for INPO, Westinghouse, and American Nuclear Insurers (notify at Alert or greater classification). Attachment 1 shows each liaison by position title and the outside agency each will be responsible for.

4.2 The primary responsibility of the Outside Agency Liaison will be to provide an interface between the IAG and the designated agency as requested. This interface will include initial notification of an event at the Donald C. Cook Plant and periodic updates as to the status of the Plant.

5.0 PROCEDURE

5.1 Initial Actions

5.1.1 Upon notification of an event by the IAG Coordinator the Outside Agency Liaisons should standby at their regular office and obtain the phone number of the outside agency for which you are responsible. (Notification numbers are given in ERP 5.01, Attachment 4, Outside Agency Liaison Call Out List.)

5.1.2 Once the IAG Coordinator notifies you to contact an outside agency call that agencies representative (see ERP 5.01). Relay the information given by the IAG Coordinator and ask the representative to standby.

5.2 Continuing Actions

5.2.1 Update the outside agency representative as updated status is provided.

5.2.2 In some instances an IAG member may wish to communicate directly with the outside agency. It is the responsibility of the Outside Agency Liaison to set up this communication.

5.3 Deactivation Actions

5.3.1 If the situation warrants, the IAG Manager will deactivate the IAG. The Outside Agency Liaison will be notified by the IAG Coordinator to notify the outside agency of this deactivation and close out all communications.

5.3.2 If the IAG is being changed to the Corporate Support Group Mode, continue to perform the liaison function as requested by the Corporate Support Group Manager.

ATTACHMENT 1

LIAISON BY POSITION TITLE AND OUTSIDE AGENCY RESPONSIBILITY

Liaison	Agency
Sr. Engineer - Nuclear Safety & Licensing (Alternate) To be determined by the Nuclear Safety and Licensing Section Manager at the time of the event.	Westinghouse
Technician - Computer, Nuclear Operations Support Sections (Alternate) To be determined by the Nuclear Operations Section Manager at the time of the event.	INPO
Engineer, Nuclear Operations Support Section (Alternate) To be determined by the Nuclear Operations Section Manager dt the time of the event.	ANI - American Nuclear Insurers

ATTACHMENT 2

AMERICAN NUCLEAR INSURERS NOTIFICATION FORM

This is _____ (Name/Title)
of the American Electric Power Service Corporation. I am calling to inform you of any emergency situation at the I&MECo's Donald C. Cook Nuclear Plant located at Bridgman, Michigan. This is/is not a drill. I repeat this is/is not a drill.

On _____ (Date) at _____ (Time) an Unusual Event, Alert, Site Area Emergency, General Emergency was declared at the Donald C. Cook Nuclear Plant.

I am now prepared to give you a brief description of the event:_____

_____

_____

_____

_____

You may confirm this notification by calling (614) 223-3320.

1

ATTACHMENT 3

NUCLEAR NETWORK (INPO) NOTIFICATION FORM

Subject: Donald C. Cook Emergency Exercise

* * * * * This is an Exercise, Drill, Actual Event * * * * *

1. General Information: I&MECo (D. C. Cook Nuclear Plant)

   Location: (Corp. HQ.): American Electric Power, Columbus, Ohio

   Date of Event: _____ Event Classification: _____

   Time of Event: _____ Date: _____

   Effective Time: _____

2. Event Description: _____

   _____

   _____

   _____

   _____

* * * * * This is an Exercise, Drill, Actual Event * * * * *

Information Contact: _____

1

PREPARED BY

APPROVAL

TITLE: PUBLIC AFFAIRS REPRESENTATIVES

1.0 PURPOSE

To describe and define the responsibilities and actions of the IAG Public Affairs Representative.

2.0 ATTACHMENTS

None

3.0 INITIATING CONDITIONS AND/OR REQUIREMENTS

The initiating condition will usually be an Unusual Event, Alert, Site Area Emergency, or General Emergency at the plant. This procedure may also be activated at the request of the On-Site Emergency Coordinator or the Initial Assessment Group Manager.

4.0 RESPONSIBILITIES

4.1 The position of the IAG Public Affairs Representative is held by:

Senior Vice President - Public Affairs, AEPSC

Vice President - Public Affairs Communication

The primary responsibility of the IAG Public Affairs Representative is to review all press statements originating from the Donald C. Cook Energy Information Center.

5.0 PROCEDURE

5.1 Initial Actions

5.1.1 Upon notification from the IAG Coordinator report to the Initial Assessment Group Room and sign in on the Initial Assessment Group Sign-In Log Book. 1

5.1.2 Establish communications with the Manager of the Donald C. Cook Energy Information Center via the phone marked "Public Affairs". This communications will normally be initiated by the Cook Energy Information Center. However notification numbers are given in ERP 5.01, Attachment 5, Initial Assessment Group Public Affairs Representative Call Out List in the event that it is initiate the contact from the IAG. 1

5.1.2.1 During this initial contact it should be decided if a statement to the media is necessary.

5.1.2.2 Any inquiries made by the media should be discussed. Responses should be approved by IAG Public Affairs Representative and I&M Public Affairs - Ft. Wayne, with the IAG Manager having final approval before the statement is issued to the press.

5.1.3 Contact the Vice President of Governmental Affairs - Washington or the Director, Federal Regulatory Affairs - Washington. Notification phone numbers are given in ERP 5.01, Attachment 5, Initial Assessment Group Public Affairs Representative Call Out List. Explain that an incident has occurred at the Donald C. Cook Plant, give the emergency classification, and inform them that status updates will be provided to their office as developments warrant.

5.2 Continuing Actions

5.2.1 Keep the Energy Information Center Manager and I&M Public Affairs-Ft. Wayne updated as events warrant or as information is developed.

5.2.2 As the incident develops review all statements as necessary for release to the press.

5.2.2.1 Ensure through verbal communication with the Manager of the Energy Information Center that statements have been distributed to media in Benton Harbor, St. Joseph area, South Bend, AP (Detroit) and UPI (Grand Rapids).

5.2.2.2 Ensure through verbal communications with the I&M Public Affairs - Ft. Wayne that copies of the statements have been provided to the following:

a. I&M President

b. Public Affairs Director, Michigan Power Company, Three Rivers

c. NRC's Region III Office, Public Affairs Glen Ellyn, Illinois

5.3 Deactivation Actions

5.3.1 If the situation warrants, the IAG Manager will deactivate the IAG. Inform the following of the deactivation:

a. Vice President of Governmental Affairs, Washington

b. Manager, Cook Energy Information Center

c. I&M Public Affairs - Fort Wayne

5.3.2 If the situation warrants a statement for the press may be prepared explaining plant status.

5.3.3 If it is decided to activate the Emergency Response Group prepare to travel to the Donald C. Cook and to assume the responsibility of the News and Public Relations Manager.

PREPARED BY

APPROVAL

TITLE: ERO ORGANIZATION & FUNCTION

1.0 PURPOSE

To describe and define the organization and function of the AEP Emergency Response Organization.

2.0 ATTACHMENTS

Attachment 1, Floor Plan of the Emergency Operations Facility at Benton Harbor

3.0 INITIATING CONDITIONS AND/OR REQUIREMENTS

This procedure will be initiated during an Alert as required, and for all Site Area and General Emergency levels. This procedure may also be initiated upon the request of the IAG Manager.

4.0 ERO ORGANIZATION

4.1 Recovery and Control Manager (RCM)

- Senior AEPSC corporate officer having the overall responsibility for control and coordination of all emergency and recovery operations. He reports directly to the Vice Chairman-Construction and Engineering or his designated alternate.

4.2 Radiation Control & Waste Handling Manager (RWHM)

- The Radiation Control & Waste Handling Manager is the AEPSC Manager at the EOF responsible for the radiation control aspects of recovery operations such as off-site dose assessments, ALARA, and operation of waste handling systems, protective actions and operations of the emergency communications area of the EOF. He reports directly to the Recovery and Control Manager.

4.3 Engineering, Design & Construction Manager (EDCM)

- The Engineering, Design & Construction Manager is located at the EOF. He supervises the engineering, design and construction activities of engineers located on-site and at the EOF, and coordinates the activities with the AEPSC Corporate Support Group (Columbus). He reports directly to the Recovery and Control Manager.

4.4 Schedule and Planning Manager (SPM)

- The Schedule and Planning Manager is located at the EOF and assists the Recovery and Control Manager to expedite plans for recovery operations and to schedule activities. He reports directly to the Recovery and Control Manager.

4.5 Administration and Logistics Manager (ALM)

- The Administration and Logistics Manager is located at the Benton Harbor Service Building adjacent to the EOF. He provides support to emergency operations in the areas of office services, transportation, lodging accommodations and commissary, communications, and coordination of local administrative services in accordance with the requirements and needs of the ERO managers. He reports directly to the Recovery and Control Manager. He is responsible upon activation of the EOF for supporting the Plant staff to ensure the readiness of the facility in accordance with reference 2.4.

4.6 News and Public Relations Manager

- The News and Public Relations Manager is located at the Joint Public Information Center in the Lake Michigan College Community Center and is responsible for overall supervision of communications with the public and local news media. He reports directly to the Recovery and Control Manager.

4.7 Corporate Support Group Manager

- Provide engineering and other services to the site Emergency Response Organization as directed.

4.8 ERO Functions

4.8.1 The ERO functions during an emergency are to:

4.8.1.1 Provide onsite corporate personnel to assist the plant in responding to an emergency.

4.8.1.2 Provide management and manning for the operation of the EOF.

4.8.1.3 Provide corporate guidance for any long term recovery activities.

4.8.1.4 Provide coordination of information released to the press, media and JPIC.

4.8.1.5 Provide official technical information to Federal, State and Local Government Agencies.

5.0 PROCEDURE

5.1 The ERO and EOF shall be activated during an Alert as required, and for all Site Area Emergency and General Emergencies. The ERO may also be activated upon request of the AEPSC IAG Manager. A general description of the activation process for the ERO is given below.

5.2 Activation of the ERO/EOF

5.2.1 If the decision to activate the Emergency Operations Facilities has been made the IAG Manager will instruct the IAG Coordinator to notify the ERO members that they should prepare to travel to the EOF. The IAG Coordinator will then notify the Administration and Logistics Manager that the EOF is to be activated.

5.2.2 The IAG Coordinator will then make travel arrangements for the ERO members.

5.2.3 The Administration and Logistics Manager shall prepare to support the AEP ERO.

5.2.4 The On-site Emergency Coordinator shall send personnel to the EOF to act as communicators, maintain data displays, and perform those functions relating to off-site response. In addition, the OSEC will perform an off-site radiological survey of the EOF if a release has occurred in the direction of the EOF.

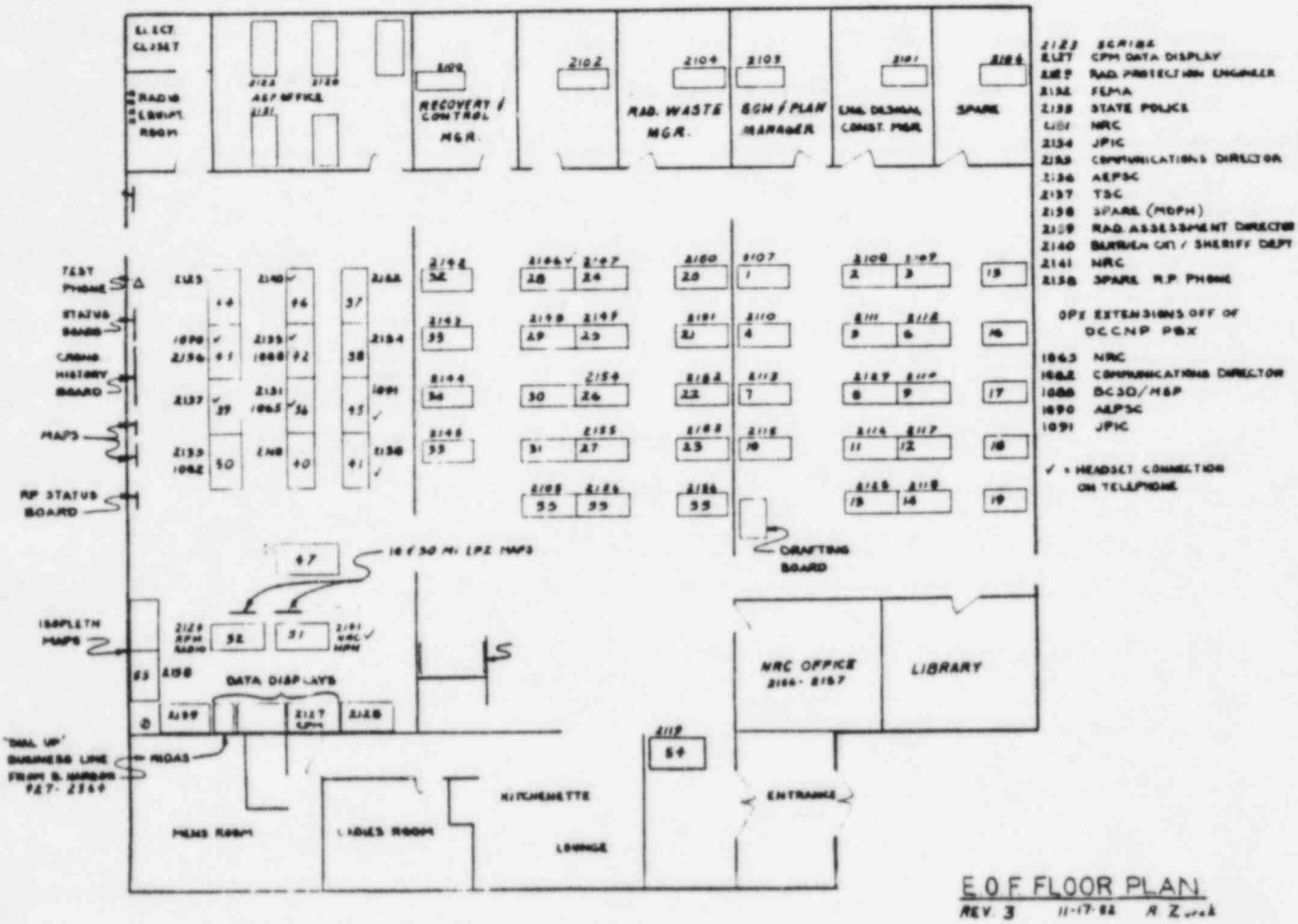
5.2.5 Upon arrival at the EOF the ERO managers will be briefed as to the current status of the plant.

5.2.6 Throughout the above process, the IAG continues to perform its functions.

5.2.7 As soon as the individual ERO members and their support staff are assembled and functioning, having established communications with their counter parts in the IAG and TSC, the ERO members are ready to accept responsibilities as assigned by the Recovery and Control Manager (RCM). As each team becomes ready to accept its responsibilities, the RCM and the OSEC are informed.

5.2.8 When all ERO members are ready to accept responsibility, the RCM notifies the OSEC and the IAG Manager that EOF is fully operational and that the IAG is relieved of its responsibilities. If requested by the RCM, the IAG will enter the Corporate Support Group Mode.

ATTACHMENT 1



E O F FLOOR PLAN
REV 3 11-17-84 R Z

Attachment 1
Page Two

EMERGENCY OPERATIONS FACILITY
TELEPHONE EXTENSIONS

LOCATION NO	POSITION	TELEPHONE EXTENSION
1	Engineering Director	2107
2	Mechanical Engineer	2108
3	Electrical Engineer	2109
4	Civil Engineer	2110
5	Purchasing Director	2111
6	Purchasing Support	2112
7	Construction Director	2113
8	Construction Support	2129
9	Construction Support	2114
10	Design Coordinator	2115
11	Construction Support	2116
12	QA Director	2117
13	NSSS Support	2125
14	NSSS Support	2118
15	Engineer	--
16	Engineer	--
17	Engineer	--
18	Engineer	--
19	Engineer	--
20	Reactor Physics Analyst	2150
21	NSL Support Coordinator	2151
22	Procedures Coordinator	2152
23	(TSM Spare)	2153
24	Scheduler	2147
25	Scheduler	2149
26	RCM Staff	2154
27	RCM Staff	2155
28	Planner	2146
29	Planner	2148
30	RCM Staff	--
31	RCM Staff	--
32	Telecopy Extension	2142
33	Alternate	2143
34	(RCWHM Spare)	2144
35	Meteorological Data Coordinator	2145
36	NRC	1065 2131
37	FEMA	2132
38	JPIC	2134
39	TSC	2137
40	NRC	ENS
41	Michigan Dept. of Public Health	2138
42	Michigan State Police	1088 2133
43	AEPSC (Engineering EOF)	1090 2136
44	Scribe	2123

Attachment 1
Page Three

EMERGENCY OPERATIONS FACILITY
TELEPHONE EXTENSIONS

LOCATION NO.	POSITION	TELEPHONE EXTENSION
45	JPIC	1091
46	Berrien County	2140
47	Crisis Management Table	2159
50	Communication Coordinator	1082
		2135
51	NRC - HPN Communicator	--
52	Radiation Protection Manager	2141
53	Radiological Assessment Director	2124
54	Security Guard	2105
55	Typing (4 positions)	2126
		2156
		2122
	AEP Office	2121
		2120
	Rad Waste Manager	2104
	Sched. & Planning Manager	2103
	Tech. Support Manager	2102
	Recovery Manager	2100
	Eng. Design & Const. Manager	2101
	NRC Office	2157/2156
	Spare Office	2106

PREPARED BY | APPROVAL

TITLE: RECOVERY & CONTROL MANAGER (RCM)

1.0 PURPOSE

To describe and define the responsibilities and actions of the Recovery and Control Manager (RCM) during an emergency situation at the DCCNP.

2.0 ATTACHMENTS

Attachment 1, Organization Chart of the Recovery and Control Managers Staff.

Attachment 2, Recovery and Control Manager's Checklist.

3.0 INITIATING CONDITIONS AND/OR REQUIREMENTS

This procedure will be initiated upon the request of the IAG Manager.

4.0 RESPONSIBILITIES

4.1 The RCM is the senior AEPSC corporate officer having the overall responsibility for control and coordination of all emergency and recovery operations. The RCM reports directly to the Vice Chairman - Engineering and Construction or his designated alternate. The RCM operates from the Emergency Operations Facility (EOF). 1

4.2 The position of Recovery and Control Manager is held by:

4.2.1 Vice President - Nuclear Operations

4.2.2 Consulting Nuclear Engineer - Nuclear Operations

4.3 Upon arrival at the EOF the RCM will assume the following responsibilities:

4.3.1 Total responsibility for the recovery from the emergency and for the control and coordination of all on-site operations.

4.3.2 Approves all major engineering and design decisions, schedules and purchases.

4.3.3 Is the source of information on the Plant status for the News and Public Relations Manager and approves all news releases.

4.3.4 Approves manpower resource allocations to be used by AEP during the emergency.

4.3.5 Is the official AEP spokesman when dealing with senior NRC representatives at the EOF.

4.3.6 Responsible for notifying State and County agencies concerning recommended protective actions.

4.3.7 Manages the transition from an emergency condition to the recovery phase.

5.0 PROCEDURE

5.1 Initial Actions

5.1.1 For a Site Area or General Emergency, the RCM shall travel to the EOF, receive a briefing from the On Site Emergency Coordinator and assume command of the EOF.

5.1.2 Once the RCM assumes command of the EOF all duties of the On Site Emergency Coordinator as outlined in PMP 2080 EPP.015, are transferred to the RCM.

5.1.3 The RCM shall begin completing the designated checklist (Attachment 2) as soon as possible. 1

5.1.4 The RCM shall assure proper EOF staffing, as identified on the checklist (Attachment 2).

5.1.5 As soon as possible after arriving at the EOF, the RCM should direct the IAG (8-200-3320) to set up a three way communication with the TSC, EOF, and IAG. 1

5.2 Notification

5.2.1 After assuming command of the EOF, the RCM shall notify and brief the Vice Chairman, Engineering and Construction. 1

5.2.2 The RCM shall direct EOF Communicators to assume responsibility from the TSC Communicators for follow-up off-site communications, per PMP 2081. EPP.003, "Follow-up Off-site Communications".

5.2.3 On a periodic basis, or when the emergency classification changes, the RCM shall communicate with the following:

5.2.3.1 On-Site Emergency Coordinator - Plant status and response activities.

5.2.3.2 Vice Chairman, Engineering and Construction - Plant status updates. 1

5.2.3.3 State and County Personnel - Plant status and radiological release data (using follow-up messages per PMP 2081.EPP.003).

5.3 Protective Actions

5.3.1 The RCM shall consider recommendations from the Radiation Control and Waste Handling Manager for off-site protective actions.

5.3.2 On a periodic basis or when the emergency classification changes, the RCM shall recommend protective actions to State and County agencies in accordance with PMP 2081.EPP.004.

5.4 Joint Public Information Center (JPIC)

5.4.1 When the JPIC is activated, the RCM shall brief the News & Public Relations Manager.

5.4.2 The RCM shall review and approve all news releases prior to issuance.

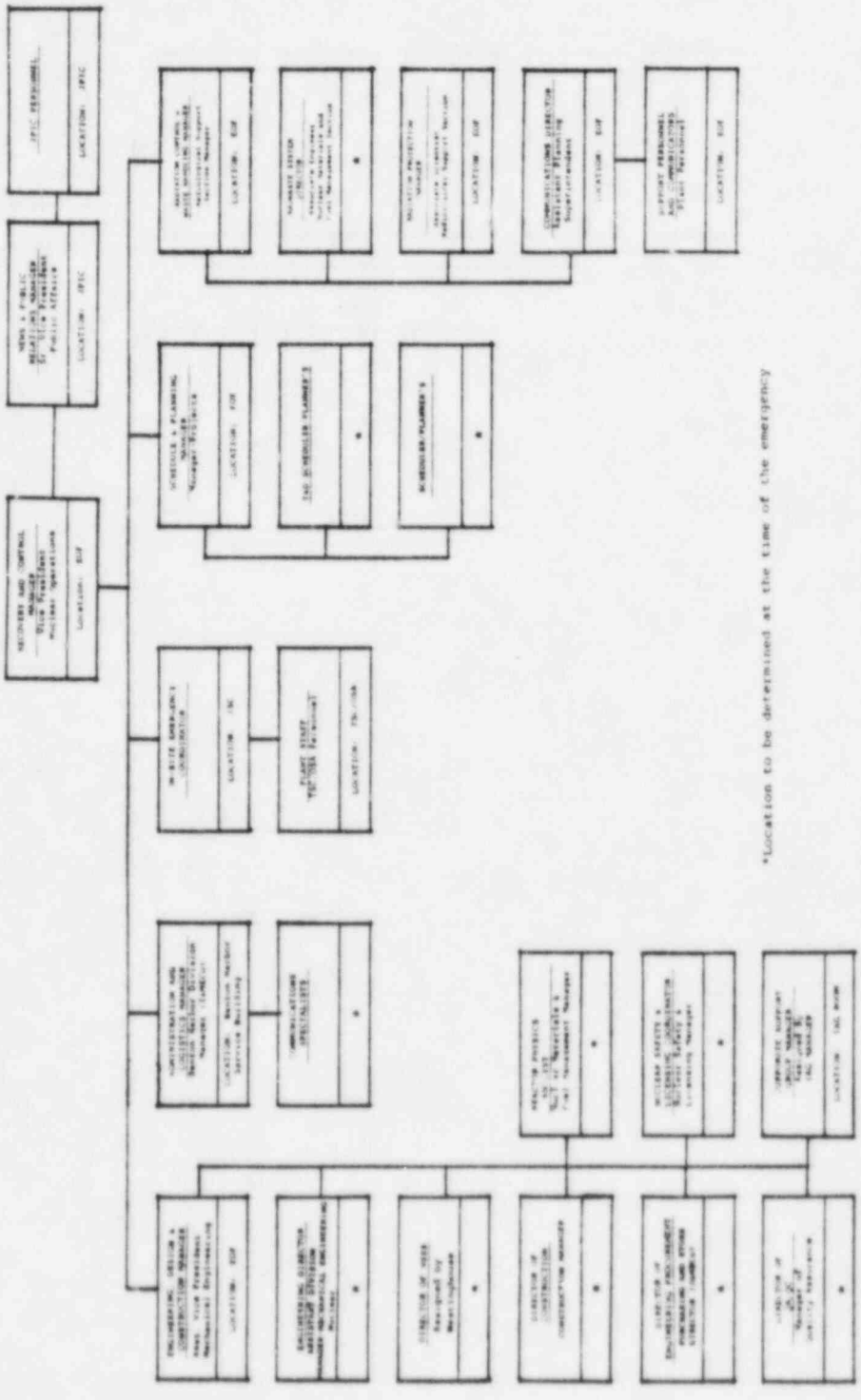
5.5 Deactivation

5.5.1 If the situation warrants, the Recovery and Control Manager may terminate the emergency classification.

5.5.2 At this point the Recovery and Control Manager may request continued support from the Emergency Response Organization Managers and Staff.

5.5.3 If no additional support is needed, inform the Emergency Response Organization Managers to deactivate themselves and their staff.

ATTACHMENT 1



ORGANIZATION CHART OF THE RECOVERY AND CONTROL MANAGER'S STAFF

*Location to be determined at the time of the emergency

ATTACHMENT 2

RECOVERY AND CONTROL MANAGER

Immediate Actions	Time/Initials
1. Report to the EOF.	____/____
2. Sign in on the sign-in log.	____/____
3. Confer with the On-Site Emergency Coordinator and review:	
A. Basis for classification of event.	____/____
B. Status of plant conditions.	____/____
C. Corrective actions being implemented.	____/____
D. Status of notification.	____/____
Direct IAG (8-200-3320) To initiated three communications	____/____ 1
4. Confer with the Radiation Control and Waste Handling Manager to assure that all EOF positions are staffed.	____/____
5. Conduct briefing with ERO Managers present in the EOF. As a minimum, the following items shall be discussed:	
A. Status of emergency.	____/____
B. Readiness of assigned personnel to assume their emergency duty roles.	____/____
C. Condition of EOF facilities.	____/____
D. Operability of communications, met system and radiological equipment.	____/____
6. Contact the On Site Emergency Coordinator. Formally assume EOF and On Site Emergency Coordinator responsibilities.	____/____
7. Announce to the following personnel that the RCM has assumed the responsibilities of the EOF and the On Site Emergency Coordinator.	____/____
A. Vice Chairman, Engineering and Construction.	____/____ 1
B. Corporate Support Group Manager.	____/____
C. All ERO Managers.	____/____

ATTACHMENT 2 (Cont'd.)

8. Direct the EOF Communications Director to assume offsite communications responsibilities from the TSC Communicators and to conduct followup off-site communications per PMP 2081.EPP.003. _____/_____

*9. Provide briefing to Federal and State staff at EOF. _____/_____

*10. As needed, authorize access of non-Emergency Response Organization personnel to the EOF. _____/_____

SUBSEQUENT ACTIONS

Additional Notifications

*11. Review onsite actions and requirements periodically with the On-Site Emergency Coordinator.

*12. Communicate with the Vice Chairman, Engineering and Construction as necessary. | 1

*13. Provide follow-up messages to State and County personnel per PMP 2081.EPP.003.

Protective Actions

*14. Periodically confer with the Radiation Control and Waste Handling Manager regarding offsite protective action recommendations.

*15. On a periodic basis and when the emergency classification changes, provide plant status updates and protective action recommendations to State and County agencies.

Public Information

16. When notified of JPIC activation, brief the News and Public Relations Manager. _____/_____

*17. Assure the EOF Communications Director is periodically briefed, to assure accurate flow of information to the JPIC.

* Continuing Activity

ATTACHMENT 2 (Cont'd.)

*18. Approve all news releases prior to their issuance.

Downgrading

19. Confer with the On-Site Emergency Coordinator regarding proposed downgrading.

20. Attend to obtain the concurrence of the state before downgrading the emergency class. _____/_____

21. Direct EOF Communications Director to complete all notifications per PMP 2081 EPP.003 whenever the emergency class is downgraded. _____/_____

Emergency Termination

22. After the emergency condition has been declared terminated, proceed as follows:

    A. Inform EOF Communications Director to complete offsite notifications. _____/_____

    B. Hold a final staff briefing. _____/_____

    C. Complete checklist and submit to D. C. Cook Emergency Planning Coordinator. _____/_____

23. Initiate recovery operations. _____/_____

Signature _____

Date _____

* Continuing Activity

PREPARED BY

APPROVAL

TITLE: RADIATION CONTROL & WASTE HANDLING MANAGER AND STAFF

1.0 PURPOSE

To describe and define the responsibilities and actions of the Radiation Control and Waste Handling Manager and Staff during an emergency situation at the Donald C. Cook Plant.

2.0 ATTACHMENTS

Attachment 1, Organization Chart of the Waste Handling Manager and Staff.

3.0 INITIATING CONDITIONS AND/OR REQUIREMENTS

This procedure will be initiated upon the request of the IAG Manager.

4.0 RESPONSIBILITIES

4.1 The position of the Radiation Control and Waste Handling Manager is held by:

4.1.1 The Radiological Support Section Manager - AEPSC.

4.1.2 By the following designated alternate:

o Associate Scientist

4.2 The Radiation Control and Waste Handling Manager reports to the Recovery and Control Manager.

4.3 The Radiation Control and Waste Handling Manager supervises EOF radiological activities, coordinates with off-site radiation emergency workers, and communicates with off-site agencies and organizations.

4.4 The Radiation Control and Waste Handling Manager is also responsible for the following:

4.4.1 Develop plans and procedures for sampling and processing liquid, gaseous and solid waste (Recovery Stage Only).

4.4.2 Provide health physics support off-site by coordination of off-site sampling programs, dose assessments, dose management, radiation protection programs, and recommendation of off-site protective actions.

4.4.3 Approve schedules and priorities for tasks assigned to the Radwaste Systems Director.

4.4.4 Coordinate plans and schedules of tasks with appropriate managers of the recovery organization.

4.4.5 Provide information and recommendations to the Recovery and Control Manager concerning future operations that could affect the plant or the environment.

4.5 The Radiation Control and Waste Handling Manager operates from the Emergency Operations Facility and is responsible for coordinating the activities of the following individuals:

4.5.1 The Radiation Protection Manager

4.5.1.1 The position of Radiation Protection Manager is held by the Associate Scientist - Radiological Support Section (Alternate: Associate Scientist - Radiological Support Section).

4.5.1.2 The Radiation Protection Manager is responsible for the following:

a. Coordinate off-site radiation monitoring personnel.

b. Advise Radiation Monitoring Teams as to travel routes and estimated radiation exposure at locations where they will be working.

c. Approve dose projections and off-site protective action recommendations made by the Radiological Assessment Director.

4.5.1.3 The Radiological Protection Manager also supervises the activities of the Radiological Assessment Director who supervises the Assistant Radiological Assessment Director.

4.5.1.4 The Radiological Assessment Director is responsible for calculating off-site radiation exposures, accumulating off-site radiation measurement data (both I&MECo's and outside organization's), keeping track of in-plant effluent radiation monitors, projecting radiation dose estimates based on expected or potential releases.

4.5.1.5 The Radiological Assessment Director is also responsible for:

a. Evaluating off-site doses based on radiation monitoring performed by staff radiation protection personnel and contractors.

b. For liquid releases, calculate the concentrations and the maximum permissable concentration fractions of the isotopes in the lake.

c. Based on the above make protective action recommendations to the Radiation Protection Manager.

d. Assist the Radwaste Systems Director in the determination of the effects of waste processing on plant and off-site radiation doses.

4.5.2 The Radwaste Systems Director

4.5.2.1 The position of Radwaste Systems Director is held by the Associate Engineer - Nuclear Materials and Fuels Management Section (Alternate: Senior Engineer - Nuclear Materials and Fuels Management Section).

4.5.2.2 The Radwaste Systems Director is responsible for the following:

a. To obtain and maintain an updated status of the liquid storage tank volumes, gas systems volumes and solid waste system.

b. To develop plans and procedures to process liquid wastes.

c. Develop plans and procedures for processing gaseous wastes as well as plant charcoal filter exhaust systems.

d. Develop plans and procedures for solid waste processing.

4.5.3 The Communications Director

4.5.3.1 The position Communications Director is held by plant personnel as designated by D. C. Cook Emergency Plan Procedures.

4.5.3.2 The Communications Director is responsible for the following:

a. Controls the communication links within the EOF with outside centers and other organizations.

b. Provides for the accumulation and update of data and its dispersal.

4.5.3.3 The Communications Director supervises the activities of 6 communicators and 5 support personnel.

5.0 PROCEDURE

5.1 Actions of the Radiation Control and Waste Handling Manager

5.1.1 Upon receiving notification from the Initial Assessment Group Coordinator that the Emergency Response Organization has been placed on standby, remain at your present location until activation or informed that the emergency has been terminated.

5.1.2 Upon receiving notification from the Initial Assessment Group Coordinator that the Emergency Response Organization has been activated proceed to the IAG Room.

5.1.3 After being briefed on the emergency situation, determine in consultation with the IAG Manager and other Emergency Response Organization Managers, whether or not it is necessary for the Radiation Control and Waste Handling Manager to travel to the plant.

5.1.4 If it is decided to send the Radiation Control and Waste Handling Manager to the plant, the Radiation Control and Waste Handling Manager should determine which staff member(s), if any, should accompany the Radiation Control and Waste Handling Manager. Inform the IAG Manager of the number of staff members that will be traveling to the plant.

5.1.5 The IAG Manager will then have travel arrangements made and will brief the Radiation Control and Waste Handling Manager on the arrangements.

5.1.6 The Radiation Control and Waste Handling Manager should then brief those members of his staff traveling to the site, on the emergency situation and the travel arrangements.

5.1.7 Upon arriving at the EOF the Radiation control and Waste Handling Manager shall relieve the acting Radiation Control and Waste Handling Manager (Assistant Plant Manager) of the following functions:

5.1.7.1 Coordination of radiological dose assessments.

5.1.7.2 Determination of recommended public protective actions.

5.1.7.3 Communicate with I&M and Federal, State, and local response through the dedicated communicators.

Note: PMP 2081 EPP.022 "Activation and Operation of the Emergency Operations Facility" can be used as a guidance document by the AEPSC Radiation Control and Waste Handling Manager in assuming the above responsibilities.

5.1.8 If the EOF has not yet assumed dose assessment responsibilities, responsibilities for off-site response recommendations and responsibility for communications with off-site organizations coordinate the transfer of these responsibilities to the EOF from the TSC. See PMP 2081 EPP.003, "Follow-up Off-Site Communications", for the conditions and procedure for transfer of communications and dose assessment to the EOF from the TSC.

5.1.9 Ensure that the instructions provided in Section 4.0 of PMP 2081 EPP.022 "Activation and Operation of the Emergency Operations Facility" are followed and that actions called for in this section are completed.

5.2 Actions of the Radiation Protection Manager

5.2.1 Upon receiving notification of an emergency situation at the D. C. Cook Plant activate the Radiological Assessment Director and the Assistant Radiological Assessment Director and inform them of the travel arrangements.

5.2.2 Upon arriving at the EOF log-in and ensure that the area radiation monitor is on and functioning properly. Instructions are posted on the monitor.

5.2.3 Proceed to the dose assessment area in the EOF and obtain an update of the accident conditions. Check the Maps to determine current actions occurring off-site and check the status of the off-site monitoring teams. Also check current meteorological conditions and any forecast data for changes in those conditions.

Note: For off-site radiological monitoring see PMP 2081 EP 12 "Off-Site Radiological Monitoring" and PMP 2081 EPP.013 "Environmental Monitoring and Analysis".

5.2.4 Direct the Radiological Assessment Director to begin performing off-site dose calculations. See PMP 2081 EPP.014 "Off-Site Dose Assessments" for information on performing off-site dose calculations.

5.2.5 Based upon the dose calculations and input from the Radiological Assessment Director begin making protective action recommendations to the Radiation Control and Waste Handling Manager. PMP 2081 EPP.004 "Protective Action Guides (PAGs) and Protective Actions" should be used when making protective action recommendations.

5.2.6 Continue directing the Off-Site Radiological Monitoring Teams and the Radiological Assessment Director. Based upon input from these sources continue to make Protective Action Recommendations to the Radiation Control and Waste Handling Manager.

5.3 Actions of the Radiological Assessment Director

5.3.1 Upon arriving at the EOF sign-in, proceed to the dose assessment area and obtain an update of the accident condition.

5.3.2 Proceed to perform dose assessment calculations and protective action recommendations as directed by the Radiation Protection Manager.

5.3.3 Ensure that Exhibit C - Part II of PMP 2081 EPP.020 is completed and distributed every 15 minutes.

5.4 Actions of the Assistant Radiological Assessment Director

5.4.1 Upon arriving at the EOF sign-in, proceed to the dose assessment area and obtain an update of the accident condition.

5.4.2 Begin performing those duties as directed by the Radiological Assessment Director. These duties include but are not limited to the following:

5.4.2.1 Obtain meteorological data per PMP 2081 EPP.014 "Off-Site Dose Assessment", Exhibit I.

5.4.2.2 Read the EOF Area Radiation Monitor every 15 minutes and provide this data to the Radiological Assessment Director.

5.4.2.3 Complete Exhibit C-Part II of PMP 2081 EPP.020 every 15 minutes and give it to the Radiological Assessment Director.

5.5 Actions of the Communications Director and Staff

5.5.1 The duties and actions of the Communications Director and Staff can be found in the following Emergency Plan Procedures:

5.5.1.1 PMP 2081 EPP.003, "Follow-up Off-Site Communications".

5.5.1.2 PMP 2081 EPP.022, "Activation and Operation of the Emergency Operations Facility".

5.6 Actions of the Radwaste System Director

5.6.1 The actions of the Radwaste System Director are dependent, to a large extent upon the type of accident occurring at the plant. The Radwaste System Director should report to the EOF, sign-in, and await further instructions from the Radiation Control and Waste Handling Manager.

5.7 Deactivation

5.7.1 If the situation warrants, the Recovery and Control Manager may terminate the emergency classification. At this point the Recovery and Control Manager may request continued support from the Radiation Control and Waste Handling Manager and staff. If this occurs, the Radiation Control and Waste Handling Manager shall notify the following individuals of the emergency termination and the need for any continued support.

5.7.1.1 The Radiation Protection Manager

5.7.1.2 The Radiological Assessment Director

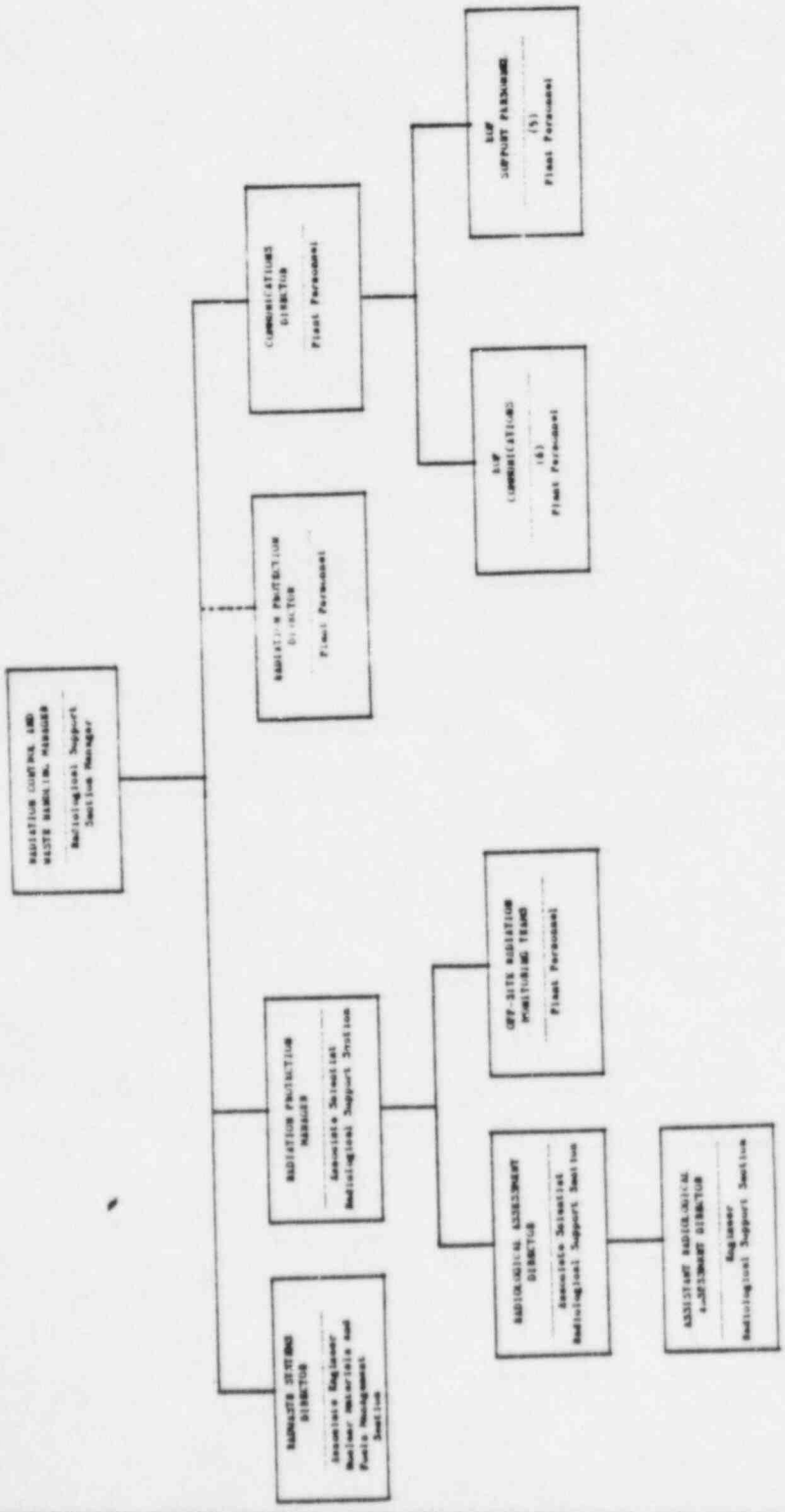
5.7.1.3 The Assistant Radiological Assessment Director

5.7.1.4 The Communications Director and Staff

5.7.1.5 The Radwaste System Director

5.7.2 If the emergency classification has been terminated and there is no need for additional support, the Radiation Control and Waste Handling Manager's staff may be deactivated.

ATTACHMENT 1
ORGANIZATION CHART OF THE WASTE HANDLING MANAGER AND STAFF



Tim Yarbrough
PREPARED BY

APPROVAL

TITLE: ENGINEERING, DESIGN & CONSTRUCTION MANAGER AND STAFF

1.0 PURPOSE

To describe and define the responsibilities and actions of the Engineering, Design and Construction Manager and Staff during an emergency situation at the Donald C. Cook Plant.

2.0 ATTACHMENTS

Attachment 1, Organization Chart of the Engineering, Design and Construction Manager's Staff.

3.0 INITIATING CONDITIONS AND/OR REQUIREMENTS

This procedure will be initiated upon the request of the IAG Manager.

4.0 RESPONSIBILITIES

4.1 The position of Engineering, Design and Construction Manager is held by:

4.1.1 Assistant Vice President - Mechanical Engineering

4.1.2 By one of the following designated alternates:

- o Manager - Projects
- o Division Manager - Civil Engineering
- o Assistant Division Manager - Mechanical Engineering

4.2 The Engineering, Design and Construction Manager is responsible for coordinating the design and construction activities of the utility, NSSS supplier, construction forces, and outside vendors.

4.3 The Engineering, Design and Construction Manager is also responsible for the following:

4.3.1 Provide the direct contact between the utility, the NSSS Supplier, and the construction forces on administrative matters.

4.3.2 Determine the need for and provide engineering and technical specialists. Assure that these specialists are present, or their alternates are available. Be prepared to provide additional support, as well.

4.3.3 Assure that the design and construction activities are adequately staffed and equipped to provide timely support.

4.3.4 Coordinate with the Administration and Logistics Manager to ensure required Plant site facilities, including communications, are available to the company Emergency Response Teams when they arrive.

4.3.5 Direct, coordinate and approve other engineering, design and construction activities activities on site.

4.3.6 Establish which engineering, design, quality control, procurement and construction activities, if any, shall conform to utility formal requirements or be documented by utility quality assurance procedures.

4.3.7 Coordinate Corporate Support Group activities with Plant and EOF requirements.

4.4 The Engineering, Design and Construction Manager operates from the Emergency Operations Facility and reports directly to the Recovery and Control Manager and is responsible for coordinating the activities of the following individuals.

4.4.1 The Director of Engineering

4.4.1.1 The position of Director of Engineering is held by the Assistant Division Manager - Mechanical Engineering - Nuclear (Alternate: Assistant Division Manager Mechanical Engineering - Fossil).

4.4.1.2 The Director of Engineering is responsible for directing and administratively controlling the engineering staff and performing such engineering and design tasks that the Engineering, Design and Construction Manager may direct to meet the requirements of the recovery operation.

4.4.1.3 The Director of Engineering is also responsible for the following:

a. Provide the administrative and technical control of the engineers and designers assigned to him. Assure that these specialists are present, or their alternates are available.

b. Assure that his engineering and design organization is adequately staffed and equipped to provide timely support, both at the EOF and at the Corporate Support Group (Columbus).

c. Determine which engineering, design and construction activities shall conform to the utility's formal technical requirements.

d. Direct, coordinate and approve engineering and design tasks assigned by the Engineering, Design and Construction Manager.

e. Coordinate the work of suppliers providing components/services to the balance-of-plant.

4.4.2 The Director of Nuclear Steam Supply System (NSSS)

4.4.2.1 The position of Director of NSSS is held by an individual assigned by Westinghouse at the time of the emergency.

4.4.2.2 The Director of NSSS is responsible for directing and administratively controlling the NSSS supplier's staff and performing such engineering and design tasks that the Engineering, Design and Construction Manager may request to meet the requirements of the recovery operation.

4.4.2.3 The Director of NSSS is also responsible for the following:

a. Provide the direct contact between the utility and the NSSS Supplier on all administrative and technical matters. Acts as a member of the Recovery and Control Manager's Advisory Support Group.

b. Determine the need for and provide engineering and technical specialists assigned on a pre-planned basis to the Technical Support, Plant Operations and Radiation Control and Waste Handling Managers. Assure that these specialists are present or their alternates available. Be prepared to provide additional support, and personnel as necessary.

c. Direct, coordinate and approve engineering and design tasks assigned by the Engineering, Design and Construction Manager.

d. Coordinate the work of suppliers providing components/services for the NSSS.

4.4.3 The Director of Construction.

4.4.3.1 The position of the Director of Construction is held by the Construction Manager.

4.4.3.2 The Director of Construction is responsible for directing and administratively controlling the construction forces, including their subcontractors, and performing construction tasks requested by the Engineering, Design and Construction Manager to meet the requirements of the emergency response and recovery efforts.

4.4.3.3 The Director of Construction is also responsible for the following:

a. Provide the direct contact between the utility and the construction forces on all administrative and construction matters.

b. Assure that the construction force are adequately manned and equipped to provide timely construction support.

c. Direct, coordinate and approve construction tasks assigned by the Engineering, Design and Construction Manager.

d. Coordinate the work of suppliers or subcontractors providing construction materials or services.

4.4.4 The Director of Engineering Procurement.

4.4.4.1 The position of the Director of Engineering Procurement is held by the Indiana and Michigan Electric Company Purchasing and Stores Director (Alternate: Indiana and Michigan Electric Company General Office Store Supervisor).

4.4.4.2 The Director of Engineering Procurement is responsible for directing and administratively controlling the Engineering Procurement staff and for providing material handling and procurement support to meet the requirements of the recovery operation as directed by the Engineering, Design and Construction Manager.

4.4.4.3 The Director of Engineering Procurement is also responsible for the following:

a. Provide direction and supervision to the purchasing and expediting personnel assigned to him. Ascertain that those individuals that have been assigned to the recovery operation in this capacity, or their alternates, are present.

b. Assure that the purchasing, expediting and administrative services associated with these activities are sufficient in both quantity and quality to provide required services both at the site and at the Company's Corporate office.

c. Promptly arrange for the purchase of those materials and equipment determined by the Engineering, Design and Construction Manager to be necessary for the recovery operation.

d. Promptly arrange for the expeditious delivery of required materials and equipment that has been purchased for the recovery operation through visits to vendor's manufacturing facilities, telephone and other methods of communication, and through the arrangement of special shipments by carriers to the site.

4.4.5 The Director of Quality Assurance/Quality Control.

4.4.5.1 The position of Director of Quality Assurance/Quality Control is held by the Manager, Quality Assurance (Alternate: Quality Assurance Supervisor, D. C. Cook).

4.4.5.2 The Director of Quality Assurance/Quality Control is responsible for directing and administratively controlling the Quality Assurance/Control Staff and executing the quality assurance/control program for such construction tasks as the Engineering, Design and Construction Manager may direct to meet the requirements of the recovery operations.

4.4.5.3 The Director of Quality Assurance/Quality Control is also responsible for the following:

a. Provide the direct contact between the Corporate Quality Assurance Staff and the onsite Quality Assurance/Control Staff on all administrative and technical matters.

b. Assure that the quality assurance/control activity is adequately staffed and equipped to provide timely support.

c. Provide direct contact between utility and suppliers of quality assurance/control services.

d. Direct and coordinate the implementation of the quality assurance/control program for approved construction tasks.

4.4.6 The American Electric Power Corporate Support Group Manager.

4.4.6.1 The position of the American Electric Power Corporate Support Group Manager is held by the individual appointed to this position by the IAG Manager.

4.4.6.2 The American Electric Power Corporate Support Group Manager is responsible for directing the American Electric Power Corporate Support Group that remains in Columbus.

4.4.6.3 The American Electric Power Corporate Support Group Manager is also responsible for the following:

a. Provide engineering and design support, to the EOF in Benton Township.

b. Coordinate all other services to be provided by the Corporate Offices such as Purchasing, Legal and liaison with Public Affairs.

c. Work with other outside organizations as directed by the Engineering, Design and Construction Manager.

4.4.7 The Reactor Physics Analyst

4.4.7.1 The position of Reactor Physics Analyst is held by the AEPSC Nuclear Materials and Fuel Management Section Manager (Alternate: Senior Engineer - Nuclear Materials and Fuel Management Section). 1

4.4.7.2 The Reactor Physics Analyst is responsible for the following:

a. Determining the current condition of the core, assist in the evaluating actions to prevent core damage, and analyze future trends with respect to core parameters.

b. Review proposed plant operations and emergency procedures implementation from the standpoint of core protection and protection of fuel melt.

c. Development of recommendations to aid in the protection of the reactor core.

4.4.8 The Nuclear Safety and Licensing Coordinator

4.4.8.1 The position of Nuclear Safety and Licensing Coordinator is held by the AEPSC Nuclear Safety and Licensing Section Manager (Alternate: Lead Responsible Engineer - Safety Analysis). 1

4.4.8.2 The Nuclear Safety and Licensing Coordinator is responsible for the following:

a. Working with the Recovery and Control Manager and NRC representative to resolve questions on license requirements in light of existing plant status.

Performs safety reviews of modified or newly written emergency and abnormal operating procedures, and on system changes brought by emergency RFC's.

5.0 PROCEDURE

5.1 Actions of the Engineering, Design and Construction Manager

5.1.1 Upon receiving notification from the Initial Assessment Group Coordinator that the Emergency Response Organization has been placed on standby, remain at your present location until activated or informed that the emergency has been terminated.

5.1.2 Upon receiving notification from the Initial Assessment Group Coordinator that the Emergency Response Organization has been activated proceed to the IAG Room.

5.1.3 After being briefed on the emergency situation, determine in consultation with the IAG Manager and other Emergency Response Organization Managers, if it is necessary for the Engineering, Design and Construction Manager to travel to the plant.

5.1.4 If it is decided to send the Engineering, Design and Construction Manager to the plant, determine which members of the Engineering, Design and Construction Manager's staff, if any, should accompany the Engineering, Design and Construction Manager. Inform the IAG Manager of the number of staff members that will be traveling to the plant.

5.1.5 The IAG Manager will then have travel arrangements made and will brief the Engineering, Design and Construction Manager on the arrangements.

5.1.6 The Engineering, Design and Construction Manager should then brief those members of his staff traveling to the site, on the emergency situation and the travel arrangements.

5.1.7 Once the Engineering, Design and Construction Manager arrives at the Emergency Operation Facility he should establish communication with the Corporate Support Group in Columbus and begin coordinating the activities of Corporate Support Group to provide support to the emergency response and recovery activities. (Notification numbers are given in ERP 5.01 Attachment 7, The Engineering, Design and Construction Manager's Call Out List.)

5.2 Actions of the Director of Engineering

5.2.1 Upon receiving notification of an emergency situation at the D. C. Cook Plant activate the Director of Engineering's staff. Briefly describe the emergency situation to each staff member and inform those staff members, if any, traveling to the site of the travel arrangements.

5.2.2 Begin coordinating the engineering and design activities in support of the emergency response and recovery operations as requested by the Engineering, Design and Construction Manager.

5.3 Actions of the Director of Nuclear Steam Supply System (NSSS)

5.3.1 The actions of the Director of NSSS are outlined in the Westinghouse Emergency Response Plan.

5.4 Actions of the Director of Construction

5.4.1 Upon receiving notification of an emergency situation at the D. C. Cook Plant activate the Director of Construction's staff. Briefly describe the emergency situation to each staff member.

5.4.2 Begin coordinating the construction activities in support of the emergency response and recovery operations as requested by the Engineering, Design and Construction Manager.

5.5 Actions of the Director of Engineering Procurement

5.5.1 Upon receiving notification of an emergency situation at the D. C. Cook Plant activate the Director of Engineering Procurement's staff. Briefly describe the emergency situation to each staff member and inform those staff members, if any, traveling to the site of the travel arrangements.

5.5.2 Begin coordinating the engineering procurement activities in support of the emergency response and recovery operations as requested by the Engineering, Design and Construction Manager.

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5.6 Actions of the Director of Quality Assurance/Quality Control

5.6.1 Upon receiving notification of an emergency situation at the D. C. Cook Plant activate the Director of Quality Assurance/Quality Control staff. Briefly describe the emergency situation to each staff member and inform those staff member, if any, traveling to the site of the travel arrangements.

5.6.2 Being coordinating the Quality Assurance/Quality Control activities in support of the emergency response and recovery operations as requested by the Engineering, Design and Construction Manager.

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5.7 Actions of the American Electric Power Corporate Support Group Manager

5.7.1 The actions of the Corporate Support Group Manager can be found in ERP 4.02.

5.8 Actions of the Reactor Physics Analyst and the Nuclear Safety and Licensing Coordinator

5.8.1 Upon receiving notification of an emergency situation at the D. C. Cook Plant activate the Reactor Physics Analyst's staff and Nuclear Safety and Licensing Coordinator's Staff. Briefly describe the emergency situation to each staff member and inform those staff members, if any, traveling to the site of the travel arrangements.

5.8.2 Upon arriving at the EOF, the Reactor Physics Analyst and the Nuclear Safety and Licensing Coordinator should sign-in and be brought up to date on the emergency situation by the Engineering, Design and Construction Manager.

5.8.3 Begin assisting the Engineering, Design, and Construction Manager in the areas Reactor Physics and Nuclear Safety and Licensing. 1

5.9 Deactivation

5.9.1 If the situation warrants, the Recovery and Control Manager may terminate the emergency classification. At this point the Recovery and Control Manager may request continued support from the Engineering, Design and Construction Manager and staff, or inform the Engineering, Design and Construction Manager to deactivate the Engineering, Design and Construction Manager's staff. If this occurs, the Engineering, Design and Construction Manager shall notify the following individuals of the emergency termination and the need for any continued support.

5.9.1.1 The Director of Engineering.

5.9.1.2 The Director of NSSS.

5.9.1.3 The Director of Construction.

5.9.1.4 The Director of Engineering Procurement.

5.9.1.5 The Director of Quality Assurance/Quality Control.

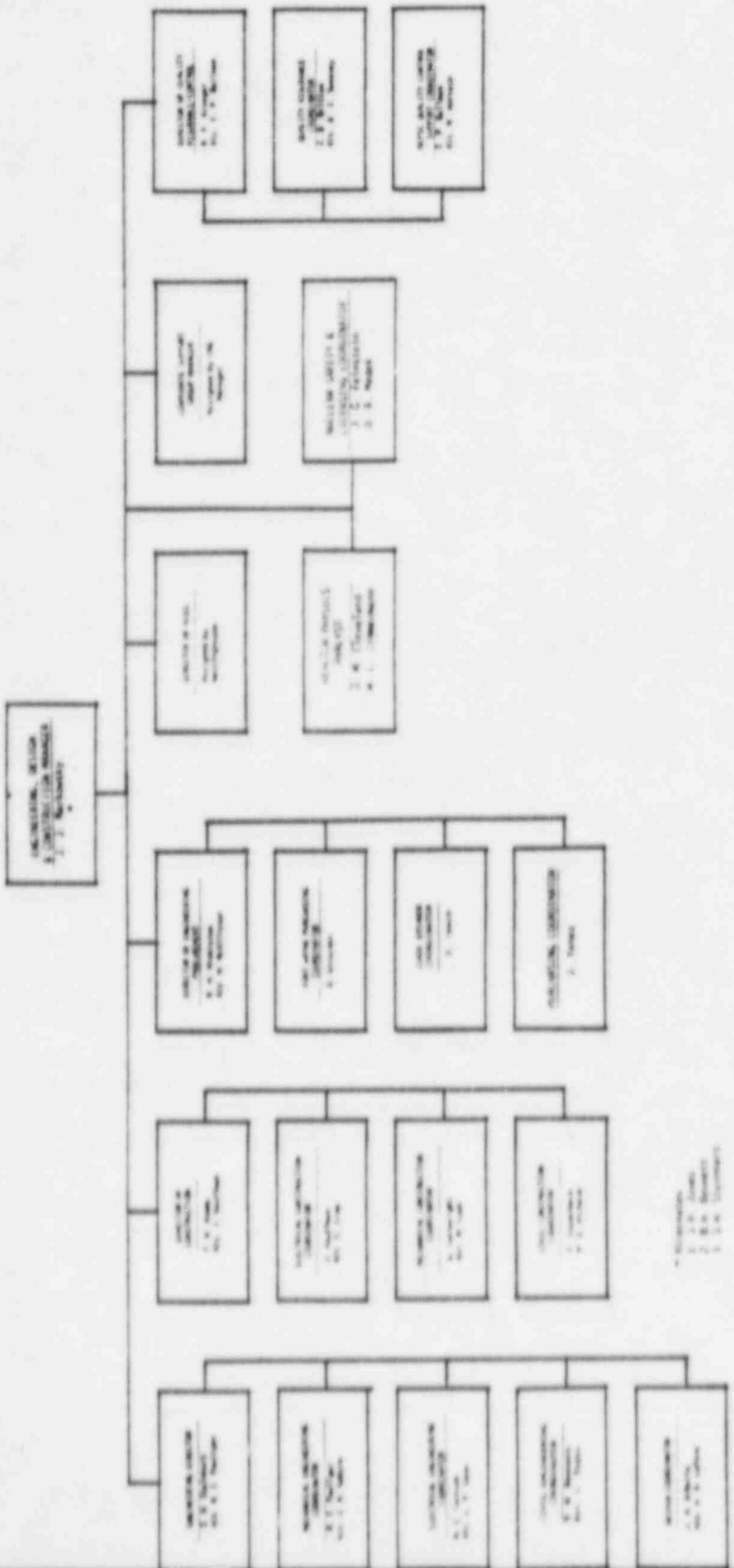
5.9.1.6 The Corporate Support Group Manager.

5.9.1.7 The Reactor Physics Analyst and the Nuclear Safety and Licensing Coordinator.

5.9.2 Each of the above listed individuals shall in turn notify appropriate members of their staff of the emergency termination and the need for any continued support. 1

5.9.3 If the emergency classification has been terminated and there is no need for additional support, the Engineering, Design and Construction Manager's staff may be deactivated. 1

ATTACHMENT 1



ORGANIZATION CHART OF THE ENGINEERING, DESIGN, AND CONTROL MANAGER'S STAFF

PREPARED BY

APPROVAL

TITLE: EMERGENCY NOTIFICATION PHONE NUMBERS

1.0 PURPOSE

To provide one location for all emergency notification phone numbers and call out lists used by Initial Assessment Group Members during an emergency situation at the Donald C. Cook Plan .

2.0 ATTACHMENTS

Attachment 1, Initial Assessment Group Manager's Call Out List

Attachment 2, Initial Assessment Group Coordinator's Call Out List

Attachment 3, Initial Assessment Group Status Reporter's Call Out List

Attachment 4, Outside Agency Liaison Call Out List

Attachment 5, Initial Assessment Group Public Affairs Representative Call Out List

Attachment 6, Additional AEPSC Emergency Response Phone Numbers

Attachment 7, Engineering, Design and Construction Manager's Call Out List

3.0 INITIATING CONDITIONS AND/OR REQUIREMENTS

This procedure will be initiated anytime the phone numbers or call lists are needed.

4.0 RESPONSIBILITIES

The Initial Assessment Group Coordinator shall be responsible for the verification and update of the phone listings in this procedure on a quarterly basis.

5.0 PROCEDURE

5.1 Actions of Individuals Using this Procedure

5.1.1 Each call out list is given a title which corresponds to the title of the individual who is responsible for using the call out list. Each call out list gives the primary contact and up to three alternates for each emergency response position. If the caller is unable to contact the primary (i.e. first name one the list), then the next name listed should be called.

ATTACHMENT 1

INITIAL ASSESSMENT GROUP MANAGER'S CALL OUT LIST

Initial Assessment Group Coordinator

	Office	Home
Assistant Scientist - Radiological Support T. G. Harshbarger		[redacted]
Engineer - Radiological Support J. L. Leichner		

ATTACHMENT 2

INITIAL ASSESSMENT GROUP COORDINATOR'S CALL OUT LIST

Plant Evaluation Team (Located in TSC)

Audinet System
Bell Phone System [redacted]

Initial Assessment Group Status Reporter

	Office	Home
Technical Writer NS&L Section D. A. Timberlake	[redacted]	
Library Assistant Nuclear Operations Division J. E. Hendrix		
(alt). Technician-Engineer, Nuclear Operations Section D. C. Baer		
(alt.) Associate Scientist Radiological Support Section W. T. MacRae		

Initial Assessment Group Members

	Office	Home
Vice President - Nuclear Operations M. P. Alexich (alt.) R. W. Jurgensen (alt.) D. V. Shaller	[redacted]	1
Consulting Nuclear Engineer R. W. Jurgensen (alt.) D. V. Shaller		
Manager, Nuclear Materials & Fuels Management J. M. Cleveland (alt.) V. Vanderburg (alt.) G. John	[redacted]	1
Manager, Nuclear Safety & Licensing J. G. Feinstein (alt.) T. R. Satyan-Sharma		
Assistant Division Manager - Mechanical Engineering S. H. Steinhart (alt.) A. S. Grimes (alt.) J. A. Kobyra	[redacted]	
Staff Electrical Engineer T. E. King (alt.) J. R. Anderson (alt.) J. L. Corey		

Attachment 2
Page Two

	Office	Home
Division Manager - Design J. A. DiBella (alt.) V. A. LePore (alt.) R. H. Meister	[redacted]	
Senior Vice President - Public Affairs J. C. Brennan (alt.) W. W. Corbitt		
Vice Chairman - Engineering & Construction John E. Dolan		
Manager, Radiological Support Section S. J. Brewer (alt.) S. P. Klementowicz (alt.) S. R. Khalil		1
Manager, Nuclear Operations Section F. S. VanPelt, Jr. (alt.) R. S. Lease		
IAO Public Affairs Representative		
Senior Vice President - Public Affairs J. C. Brennan		
Vice President - Public Affairs Communication W. W. Corbitt		
Outside Agency Liaison		
Westinghouse Liaison Sr. Engineer - Nuclear Safety & Licensing N. Y. Fouad (alt.) To be determined by J. G. Feinstein at time of the event.	[redacted]	
INPO Liaison Technician-Computer, Nuclear Operations Section J. P. Blais (alt.) To be determined by F. S. VanPelt, Jr. at time of the event.	[redacted]	1
American Nuclear Insurers Liaison Engineer, Nuclear Operations Section J. F. Kurgan (alt.) To be determined by F. S. VanPelt, Jr. at time of the event.	[redacted]	

Attachment 2
Page Three

Office Home

Initial Assessment Group Runners

P. J. Barlow
C. Carter
E. D. Green
T. Holcomb
C. A. Medley
B. J. Sharkey
L. C. Turner

Administrative Support

Manager, Office Services
H. E. Vick

Office Services Assistant
F. J. Vanasco

EMERGENCY RESPONSE ORGANIZATION MANAGERS

Recovery and Control Manager

Vice President - Nuclear Operations
M. P. Alexich

Consulting Nuclear Engineer
Nuclear Operations Division
R. W. Jurgensen

Radiation Control & Waste Handling Manager

Radiological Support Section Manager
. . . Brewer

S. P. Klementowicz

1

Attachment 2
Page Four

	Office	Home
Engineering, Design & Construction Manager		
Assistant Vice President - Mechanical Engineering J. J. Markowsky	[redacted]	
Manager - Projects J. R. Jones		
Division Manager - Civil Engineering B. H. Bennett		
Assistant Division Manager - Mechanical Engineering S. H. Steinhart		
Schedule and Planning Manager		
Manager - Projects J. R. Jones	[redacted]	
Division Manager - Civil Engineering B. H. Bennett		
Nuclear Operations Section Manager F. S. VanPelt, Jr.		
Administrative and Logistics Manager		
Benton Harbor Division Manager - I&MECo T. R. McCaffrey		
Benton Harbor Division - Administrative Assistant - I&MECo P. W. Ernstin	[redacted]	
Benton Harbor Division Service Manager A. R. Classburn		
News and Public Relations Manager		
Senior Vice President - Public Affairs J. G. Brennan		
Vice President - Public Affairs Communications W. W. Corbitt		
Director of Public Affairs - I&MECo C. W. Hasty		

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Attachment -
Page Five

	Office	Home
Air Transportation		
Will Air (.f..ce)		
(alt.) John Owens (Pilot)		
(alt.) Ken Slabaugh (Pilot)		
(alt.) Jerry Allison (Pilot)		
(alt.) Dave Hughes (Pilot)		
(alt.) Bob Lane (Pilot)		
(alt.) Warren Smith (Pilot)		
(alt.) Paul Trible (Pilot)		
(alt.) Dave Freeman (Pilot)		

ATTACHMENT 3

INITIAL ASSESSMENT GROUP STATUS REPORTER'S CALL OUT LIST

Technical Support Center's AEPSC Communicator

Primary: Audinet - Dial [redacted]

Secondary: Bell Phone System - Dial [redacted] extension [redacted]

Emergency Operation Facilities' AEPSC Communicator

Primary: Audinet - Dial [redacted]

Secondary: Benton Harbor Audinet [redacted]

Tertiary: Bell Phone System - Dial [redacted] ask for extension [redacted]

ATTACHMENT 4

OUTSIDE AGENCY LIAISON CALL OUT LIST

Outside Agency Contacts

INPO (Atlanta, Georgia)
1. P. W. Lyon
2. Walter Elliott
3. Dave Smith
4. W. Kindly
5. Emergency Telecopier

American Nuclear Insurers
(Farmington, Connecticut)

Westinghouse (Monroeville, PA)

	Name	Office	Home	HNL
1. Site Service Manager	M. J. Parvin			
2. Area Manager	Tony Suda			
1st Alternate	Cas Swiat			
2nd Alternate	Earl Brown			
3. Service Response Manager	George Masche			
1st Alternate	Bob Stokes			
2nd Alternate	Joe Leblang			
4. Emergency Response Director	Tom Anderson			
5. Emergency Response Deputy Director	Ron Lehr			
6. Emergency News Communications	Mike Mangan			

Note: Unless indicated otherwise, all phone numbers are area code [redacted]. Where an area code other than [redacted] is shown, it applies to the office, home, and HNL numbers.

ATTACHMENT 5

INITIAL ASSESSMENT GROUP PUBLIC AFFAIRS REPRESENTATIVE CALL OUT LIST

Donald C. Cook Energy Information Center Manager

	Office	Home
Manager - Donald C. Cook Energy Information Center E. A. Scarrella		
(alt.) J. Krieger		

I&MECo Public Affairs Department, Fort Wayne, Indiana

Director of Public Affairs - I&MECo C. W. Hasty		
(alt.) R. S. Dyer		
(alt.) V. P. LaBarbera		

AEP Public Affairs - New York

Manager, Public Affairs - New York Rita Gurman		

Vice President of Governmental Affairs-Washington

Bruce Bean		
(alt.) Tom Dennis		

ATTACHMENT 6

ADDITIONAL AEPSC EMERGENCY RESPONSE PHONE NUMBERS

Emergency Call Listing

	Home Phone	Office Phone
CIVIL ENGINEERING DIVISION		
B.H. Bennett, Division Manager		
C.S. Togni, Section Manager		
P.H. Anderson, Section Manager		
R.H. Hevener, Cognizant Engr.		
G.A. Camporni, Senior Engineer		
DESIGN DIVISION		
Design Staff		
J.A. DiBella, Division Manager		
V.A. Lepore, Asst. Div. Mgr.		
R.H. Meister, Asst. Div. Mgr.		
T.J. Kwiatkowski, QA Coordinator		
D. Petro, Design Engr.		
E. Bencivenga, Assoc. Engr.		
Architectural Design		
V. DelFavero, Sr. Arch, Cognizant Engineer		
A.C. Macksoud, Supv. Designer		
Control Services		
R.G. Murad, Senior Engineer		
T. Frey, Designer		
Electrical Design		
Z.J. Andracki, Section Mgr.		
E. Lichtenberger, Supv. Designer, Cognizant Engineer		
C.F. McGarry, Supv. Designer		
R.H. Vrana, Supv. Designer		
Electrical Plant		
F.J. McDonald, Section Mgr.		
P.L. Pastore, Asst. Sect. Mgr.		
T.F. Lynch, Supv. Designer, Cognizant Engr.		
W.H. Offineer, Superv. Designer		
V.J. Pooler, Supv. Designer, Cognizant Engr.		
J.M. Stone, Supv. Designer		

Attachment 4
Page Two

Design Division Cont'd.

Mechanical Design

	Home Phone	Office Phone
J.L. Williams, Section Mgr.		
M.J. Noronha, Asst. Section Manager		
J.C. Capo, Supv. Designer		
M. Durniak, Sq. Ldr., Turbine		
J. Spica, Supv. Designer, Cognizant Engineer		
T.H. Sun, Supv. Designer, Pipe & Stress Analysis		
O. Yasin, Senior Engineer		
A. Dey, Senior Engineer		

Structural Design

S. Fox, Section Mgr.		
A.S. Pumiliz, Asst. Sect. Mgr.		
H.L. Alexander, Staff Eng., Cognizant Engineer		
J. Duffy, Squad Ldr.		
J. Petrucelli, Supv. Designer		
T. Sjogren, Supv. Designer		
H. Hu, Supv. Designer		
W. Modry, Supv. Designer		

GENERATION & TELECOMMUNICATIONS ENGINEERING DIVISION

Staff

T.D. Argenta		
S.H. Horowitz		

Electrical Generation Section

R.C. Carruth, Manager		
L.F. Caso, Lead Engineer		
T.E. King, Cognizant Engineer		

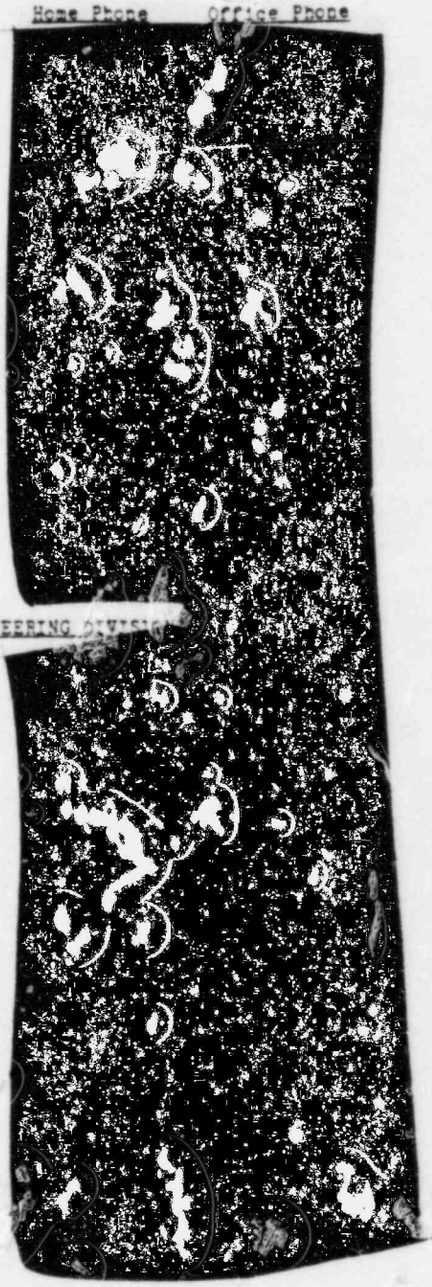
MATERIALS HANDLING DIVISION

H.J. Humphrey, Division Manager		
E. Goldberg, Section Manager		
T. Milbury, Engineer		

MECHANICAL ENGINEERING DIVISION

Mechanical Engineering Staff

G.D. Eichenberger		
A.S. Grimes		
J.A. Kobyra		
J.J. Markowsky		



Attachment 6
Page Three

Mechanical Engineering Staff Cont'd.

	Home Phone	Office Phone
D.A. Patience		
R.I. Pawliger		
P.G. Schoepf		
S.H. Steinhart		
Analytical and R&D		
M.K. Guha		
C. Olsen		
C.P. Lin		
Chemical Engineering		
D.L. Boston		
R.F. Dodd		
P.A. Fisher		
G.M. Larew		
M.J. O'Keefe		
T.G. Wright		
Fire Protection & HVAC		
R.T. Cooper		
D.L. Fuller		
B.J. Gerwe		
J.D. Grier		
R.D. Keating		
L.H. Langham		
J.A. Zott		
Heat Exchangers & Pumps		
A. Feliciano		
E.V. Gilabert		
T.R. Hafer		
J.R. Jensen		
J.J. Ripak		
E.W. Schneck		
C.S. Swenson		
N.P. Teresi		
B.D. Mickatavage		
Instrumentation & Controls		
D.K. Farlow		
F.D. Hastings		
J.D. Jeffrey		
S.L. Mar		
M. Perlman		
R.L. Shoberg		
R.F. Shoemaker		

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Page Four

Mechanical Engineering Division Cont'd.
Instrumentation & Controls cont'd.

W.E. Arnold
S.K. Ennis
D.K. Kurtz
J.D. Phillips
D.A. Purvis
D.V. Schieser
W.G. Sotos
D.H. Sponseller

Piping and Valves

J.D. Hoffman
R.A. Kadlec
A.J. Lewandowski
M. Marrocco
K.J. Santos
D.R. Vadodaria

Turbine and Cycle Evaluation

J.D. Benes
S.P. Hodge
G.D. Hines
B. Rederstorff
A. Singh
M.S. Briesch
P.J. Calderone
J.R. Friedman

NUCLEAR OPERATIONS DIVISION

Staff

M.P. Alexich
P.J. Barlow
C. Carter
J.E. Hendrix
R.W. Jurgensen
D.V. Shaller

Nuclear Materials & Fuel Management Section

J.M. Cleveland
T.W. Allen
J.L. Bell
R.B. Bennett
L.M. Bounds
G. John
E.G. Lewis
D.H. Malin
E.I. Neymotin
M.A. Saum
B.J. Sharkey
R. Sharma
V. Vanderburg
W.L. Zimmerman

[redacted] Home Phone Office Phone

Attachment 6
Page Five

Nuclear Operations Division Cont'd.

Nuclear Safety & Licensing Section

	Home Phone	Office Phone
J.G. Feinstein		
M.S. Ackerman		
P.A. Barrett		
M.W. Evarts		
H.Y. Fouad		
W.E. Harvey		
T.H. Holcomb		
P.E. Infanger		
D.A. Medek		
C.A. Medley		
T.R. Satyan-Sharma		
K.J. Toth		
R.G. Vasey		
S.G. Williams		

Radiological Support Section

S.J. Brewer		
E.D. Green		
T.G. Harshbarger		
M.J. Jury		
S.P. Klementowicz		
S.R. Khalil		
J.L. Leichner		
W.T. MacRae		

Nuclear Operations Support Section

F.S. VanPelt		
D.C. Baer		
M. Bahleda		
J.P. Blais		
H.B. Brugger		
J.E. Borggren		
J.F. Kurgan		
R.S. Lease		
W.C. Rigg		
L.C. Turner		

SCHEDULE AND PLANNING MANAGEMENT STAFF

N. Azizi		
B.H. Bennett		
C.C. Cassell		
C.A. Erikson		
J.J. Gilligan		
J.A. Howard		
E.J. Jayjack		
J.R. Jones		
C.S. Kalinowski		
J.F. Kurgan		

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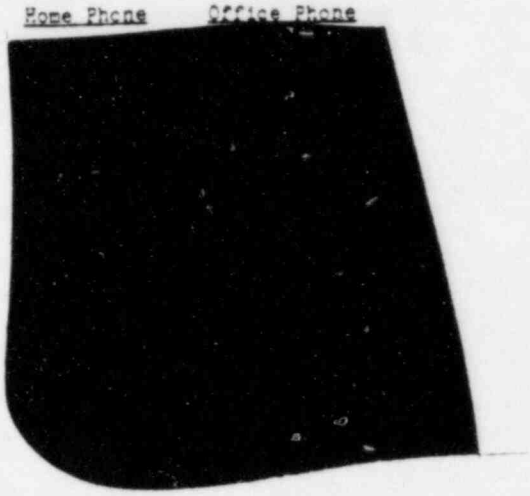
Page Six

Schedule and Planning Management Staff Cont'd.

	Home Phone	Office Phone
A. Lannon		
L.C. Larsen		
W.J. Murphy		
W.C. Rigg		
A.J. Samuelson		
W.T. Tabor		
F.S. VanPelt		
A.F. Varney		



Quality Assurance Staff

R.F. Kroeger
J.B. Brittan
B.J. Sweeney
T.P. Beilman

ATTACHMENT 7

ENGINEERING, DESIGN AND CONSTRUCTION MANAGER'S CALL OUT LIST

To Call:	Audinet	Bell
Columbus (AEP)	[redacted]	
Ft. Wayne (I&MECo General Office)		
Benton Harbor Division		
Cook Plant		

	Location	Office	Home
T.R. Adams	Cook	[redacted]	
T.P. Beilman	Cook		
J.A. DiBella	Columbus		
B.H. Bennett	Columbus		
J.B. Brittan	Columbus		
R.C. Carruth	Columbus		
G. Cartwright	Cook		
J.M. Cleveland	Columbus		
L.F. Caso	Columbus		
R.K. Cook	Cook		
C. Crow	Cook		
J.G. Feinstein	Columbus		
D.W. Girardot	Ft. Wayne G.O.		
M. Horvath	Cook		
J.R. Jones	Columbus		
J. Kauffman	Cook		
J.A. Kobyra	Columbus		

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Page Two

	Location	Office	Home
R.F. Kroeger	Columbus		
V.A. LePore	Columbus		
M. McAllister	Ft. Wayne G.O		
D.A. Medek	Columbus		
R.H. Middleton	Ft. Wayne		
M.J. Parvin (Westinghouse)	Cook		
R.I. Pawliger	Columbus		
P.D. Richard	Cook		
T. Sloderbeck	Cook		
S.H. Steinhart	Columbus		
B.J. Sweeney	Columbus		
C.S. Togni	Columbus		
J. Veach	Cook		
J.N. Yanez	Columbus		
W.L. Zimmermann	Columbus		

IAG Access Extension

Mechanical Engineering Technical Liaison to the IAG (20th Floor)
Ext. [redacted]

Electrical Engineering Technical Liaison to the IAG (20th Floor)
Ext. [redacted]

Design Division Technical Liaison to the IAG (20th Floor)
Ext. [redacted]

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

June 25, 1985

50-315/316 D.C. Cook

MEMORANDUM FOR: Chief, Document Management Branch, TIDC

FROM: Director, Division of Rules and Records, ADM

SUBJECT: REVIEW OF UTILITY EMERGENCY PLAN DOCUMENTATION

The Division of Rules and Records has reviewed the attached document and has determined that it may now be made publicly available.

J. M. Felton, Director
Division of Rules and Records
Office of Administration

Attachment: As stated