


<b>Name of Policy:</b>	<b>Utility Failure Guidelines for the Hemodialysis Unit</b>	 <p><b>Effective Date:</b> June, 1995</p>
<b>Policy Number:</b>	3364-118-32	
<b>Department:</b>	Chronic Kidney Disease Stage V Program/ Hemodialysis (Nursing Service)	
<b>Approving Officer:</b>	Associate Vice President/ Associate Executive Director	
<b>Responsible Agent:</b>	CEO, CKD Stage V Program	
<b>Scope:</b>	The University of Toledo Medical Center	
<input type="checkbox"/> New policy proposal <input type="checkbox"/> Major revision of existing policy		<input type="checkbox"/> Minor/technical revision of existing policy <input checked="" type="checkbox"/> Reaffirmation of existing policy

**(A) Policy Statement**

Hemodialysis procedures for utility failure and establishment of procedures to be followed by hemodialysis staff during loss of and/or reduction in water supply or electrical service.


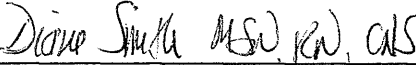
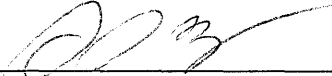
Upon notification of an emergency, the hemodialysis staff shall implement their departmental contingency procedure.

**(B) Purpose of Policy**

To provide clear procedural guidelines for response during loss of and/or reduction in water supply or electrical service in hemodialysis.

**(C) Procedure**

1. Contact Facilities Maintenance ext. 8077/4298 after hours or Switchboard operator.
2. Notify Technology Support Services immediately in case of any water supply or electrical failure, temporary or permanent.
3. Silence alarms on machines, get available personnel to hand crank machines for duration of temporary failure. If utility is not reestablished within 1 minute, rinse patient's blood back and terminate dialysis treatment.
4. Turn machines off until power is reestablished and stabilized (approx. 3 minutes).
5. If utility is reestablished within 30 minutes, resume treatment.
6. During power failures the hemodialysis machines should continue to run on emergency generator power. The RO circulation loop although not on emergency power will continue to feed the hemodialysis machines via gravity feed. The RO generator will not produce RO water and may have to be placed in bypass for the duration of the outage. This will maintain a working reservoir, and will depend on the level of the storage tank at the time of outage and the duration of the outage.

<p><b>Approved by:</b></p> <p>        _____        Norma Tomlinson, RN, MSN, CNA        Associate Vice President        Associate Executive Director</p> <p>        _____        Diane Smith, MSN, RN, CNS        CEO, CKD Stage V Program</p> <p>        _____        Deepak Malhotra, MD, PhD        Clinical Director, CKD Stage V Program</p>	<p><b>Review/Revision Date:</b></p> <p>4/96        9/97        10/98        2/00        7/02        7/03        7/05        11/06        6/07        1/23/2008</p>
<p><i>Review/Revision Completed By:</i>        Clinical Nurse Practitioner, Hemodialysis        Technical Support</p>	<p><b>Next Review Date:</b> 1/1/2011</p>
<p><b>Policies Superseded by This Policy:</b></p>	

*It is the responsibility of the reader to verify with the responsible agent that this is the most current version of the policy.*