Appendix C

*Historical Resource Act* Clearance

Letter from Alberta Culture
May 31, 2001

Mr. Les M. Johnston, P.Eng., MBA
Manager
Environmental Affairs
EPCOR
10065 Jasper Avenue
Edmonton, Alberta
T5J 3B1

Dear Mr. Johnston:

SUBJECT: EPCOR POWER DEVELOPMENT INC.
GENESEE GENERATING STATION – PHASE 3
SECTION 25, TOWNSHIP 50, RANGE 3, W5M
HISTORICAL RESOURCES ACT CLEARANCE

According to the “Public Disclosure Document”, EPCOR’s proposed Genesee Generating Station Phase 3 project, consisting of a 400 MW net base load electric generation facility, will be constructed in Section 25-50-3-W5M immediately adjacent to and east of the existing Genesee Generating Station. The purpose of this letter is to confirm that Alberta Community Development’s requirements regarding Section 25-50-3-W5M have been satisfactorily addressed by the historical resources studies that have been completed by Lifeways of Canada Limited.

HISTORICAL RESOURCES DATA BASE

Twenty five (25) archaeological sites have been recorded within Section 25-50-3-W4M. These sites are listed in Table 1.0. Twelve (12) of the sites have been classified as Lithic Scatter(s), (FiPn 65, FiPn 66, FiPn 67, FiPn 76, FiPn 79, FiPn 80, FiPn 81, FiPn 90, FiPn 91, FiPn 92, FiPn 93, FiPn 94), eight (8) sites are been classified as Campsite(s) (FiPn 17, FiPn 64, FiPn 83, FiPn 84, FiPn 85, FiPn 87, FiPn 88, FiPn 89), while five (5) sites are classified as Isolated Find(s) (FiPn 75, FiPn 77, FiPn 78, FiPn 82, FiPn 86).
PREVIOUS HISTORICAL RESOURCES INVESTIGATIONS

Permit To Excavate Historic Resources No. 81-067

The Historical Resources Impact Assessment of Section 25-50-3-W5M was conducted by Lifeways of Canada Limited under “Permit to Excavate Historic Resources No. 81-067” (PERMIT 81-067). The results of these studies are reported within the interim report titled, *Interim Report Historical Resources Impact Assessment, Genesee Power Project, Plant Site*, and on pages 22-25 of the *Genesee Power Project Inventory of Historical Resources (ASA Permit No. 81-152 – 81-67)* report. Twenty four (24) of the archaeological sites that are listed in Table 1.0 were recorded by Lifeways of Canada Limited under PERMIT 81-067. Additionally, Lifeways of Canada Limited re-examined a previously recorded archaeological site – FiPn 17.

Historic Resources Act clearance of February 12, 1982; In a letter of February 12, 1982, Dr. W. J. Byrne (Assistant Deputy Minister) advised Mr. K. L. Warren (Manager of Construction, Edmonton Power) that Alberta Culture considered the historical resource value of twenty four (24) of the archaeological sites to be of insufficient extent to warrant the conduct of additional studies. All of these sites had been largely disturbed by previous agricultural activities.

Additional archaeological studies or site avoidance: In his letter of February 12, 1982, Dr. Byrne also advised Mr. Warren that the only remaining archaeological investigations necessary within Section 25-50-3-W5M were those relating to the treed area in the NE ¼ and site FiPn 17.

ARCHAEOLOGICAL SITE FiPn 17

Site FiPn 17 was recorded in 1977 during the conduct of the initial reconnaissance of the Genesee Power Project area. The site was described as a large hilltop campsite that covered an extensive area of ploughed field, and Lifeways of Canada Limited suggested that the site would likely extend into an adjacent woodlot. In 1982, Edmonton Power identified the topographic feature on which site FiPn 17 was located as a potential borrow area.

Permit To Excavate Historic Resources No. 82-010

The original purpose of “Permit to Excavate Historic Resources No. 82-010” (PERMIT 82-010) was to complete the Historical Resources Impact Assessment of site FiPn 17, and to carryout any
subsequent mitigation studies. The archaeological studies included: [1] a controlled surface collection of the site area; [2] tilling the site area to expose additional archaeological resources; and, [3] a second controlled surface collection to determine if tilling ploughed sites was a useful mitigation strategy.

**Results of the controlled surface collections:** The controlled surface collections included an area of approximately 3.9 hectares on top of the topographic feature. The initial controlled surface collection resulted in the recovery of 1,271 artifacts. The second collection resulted in the recovery of an additional 384 artifacts.

**Historic Resources Act clearance of May 11, 1982:** The greatest densities were present within the eastern portion of the site area. Therefore, in a letter of May 11, 1982, Dr. Byrne advised Mr. Warren that the assessment of the western half of site FiPn 17 had been completed and indicated that no additional archaeological studies were required within this portion of the site.

**Additional archaeological studies or site avoidance:** In his letter of May 11, 1982, Dr. Byrne also advised Mr. Warren that the eastern half of site FiPn 17 was still of concern. Following the submission of an interim report regarding the results of the archaeological assessment of the eastern half of site FiPn 17, Dr. Byrne once again wrote to Mr. Warren. In a letter of June 1, 1982, Dr. Byrne indicated that additional investigations, consisting of the excavation of 120 square metres, were required within the central area of the eastern portion of site FiPn 17.

**Results of the excavations:** The results of the required excavations are reported on pages 33–37 of *Final Report, Genesee Power Project, Historical Resources Impact Assessment and Conservation Studies (ASA Permits 82-10, 82-22, 82-62) Volume V*. One hundred and twenty two (122) square metres were excavated, resulting in the recovery of 11,647 lithic artifacts and five (5) bone fragments. The majority of the archaeological resources were recovered from the plough zone.

**Verbal Report of July 2, 1982:** On July 2, 1982, Alberta Culture received a verbal report from Lifeways of Canada Limited regarding the results of the subsurface shovel testing program in the treed area that is located east of the area that was excavated at site FiPn 17. Since no archaeological resources were encountered, the shovel testing program was halted.

**HISTORICAL RESOURCES ACT CLEARANCE**

In view of the above, I am confirming that all of Alberta Community Development's concerns and requirements regarding Section 25-50-3-WSM and the archaeological resources that have been
recorded within this section have been satisfactorily addressed by the studies that have been completed by Lifeways of Canada Limited. In conclusion, *Historical Resources Act* clearance has been granted for Section 25-50-3-W5M.

Should you require additional information or have any questions concerning the above, please contact Dean Wetzel at 780-431-2332, (Resource Management Planner, Protection and Stewardship Section, Heritage Resource Management Branch, Cultural Facilities and Historical Resources Division, Alberta Community Development, 8820 - 112 Street, Edmonton, Alberta, T6G 2P8), or fax 780-427-3956.

Sincerely,

Mark Rasmussen  
Acting Assistant Deputy Minister  
Cultural Facilities & Historical Resources Division

Attachment

cc:  Dr. Brian Reeves, Lifeways of Canada Limited  
Kris Geekie, Alberta Environment  
Karen Stals, Alberta Environment, NE Slopes Region  
Peter Hunt, Alberta Energy & Utilities Board  
Dean Wetzel, Historic Sites Service