

1 **Q. Further to the response to PUB-NP-064, Attachment A, explain how Substation**
2 **Maintenance III activities are triggered? If nothing happens to trigger activities**
3 **does that mean that maintenance, such as lubricating breaker mechanisms, is not**
4 **done until overhaul at 10 years? Are any Maintenance III activities time-based**
5 **other than the 10-year overhaul?**

6
7 A. Maintenance III activities are triggered through Preventative Maintenance program links
8 to the equipment type in the Avantis maintenance program. The triggering is time-based
9 and activated monthly by a Maintenance Planner.

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11 There is no Maintenance III program for circuit breakers. Annual condition assessments,
12 oil analysis results and noted deficiencies are used to determine when a breaker requires
13 maintenance. However, when a problem involving breakers recurs, the vintage of the
14 breakers is considered. This is to determine whether the problem is common to a
15 particular model or vintage of breaker.¹

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17 The frequencies of maintenance cycles are set out in Maintenance Standard MSR011,
18 which is provided in Attachment E to the response to Request for Information
19 PUB-NP-064.

¹ For example, a recurring problem of binding involving a certain model of 27 kV breaker was traced to a specific type of grease. As a result, use of that particular grease was discontinued, and the affected units were cleaned and lubricated with a different product, which resolved the issue.